

Manufacturers Record

Exponent of America



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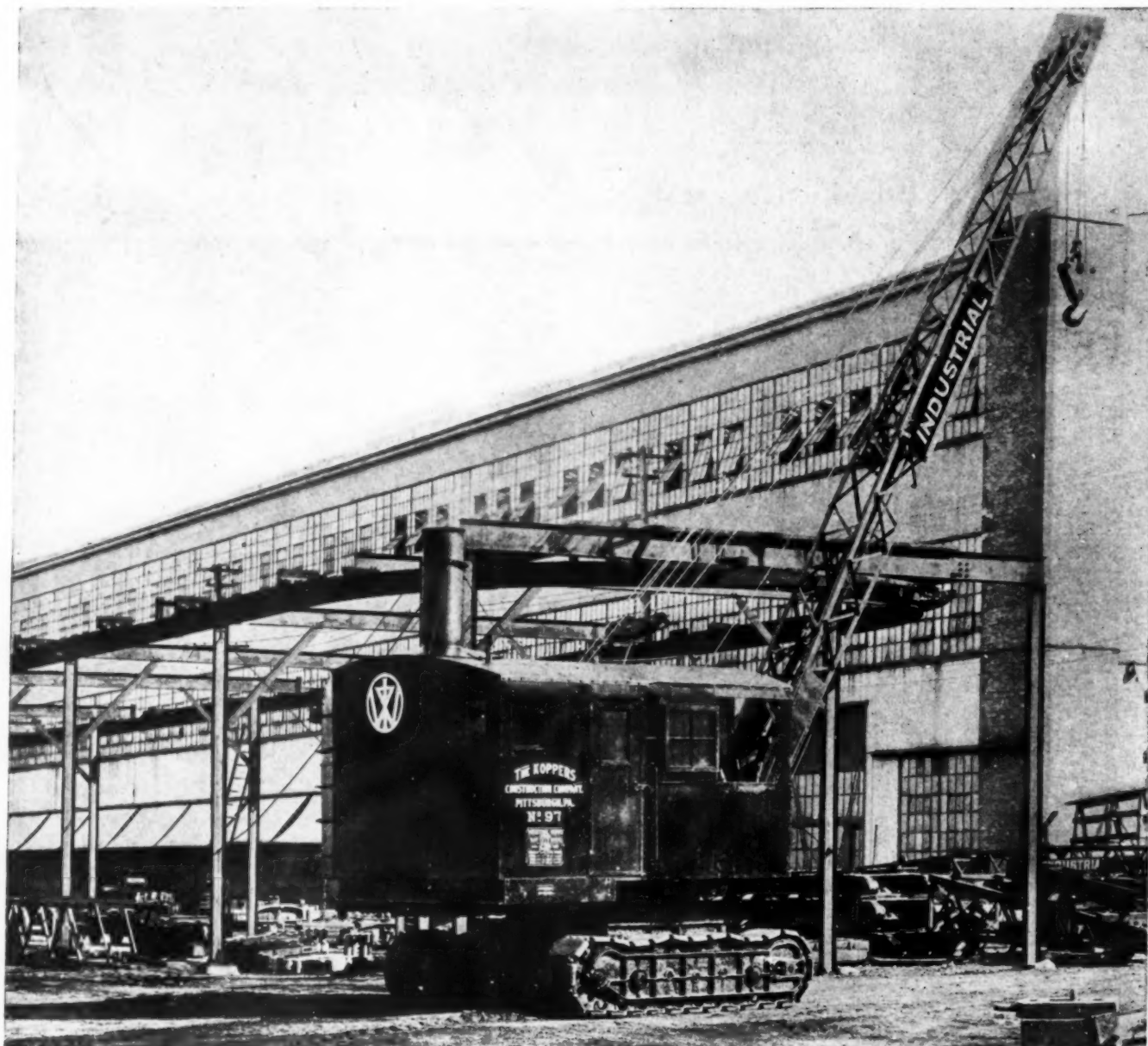
Big National Work Ahead of Us.

The wide fluctuations in the New York stock market came at a time when the condition of the country was wholly unlike any other stock panic period of the past. In former years stock panics have come when the country had overtraded in many lines of activity, when finances were in bad shape or credit badly extended. At present the situation is entirely different from that, except in some real estate speculation not of sufficient magnitude to have any important bearing on national progress, and except perhaps the overtrading in Wall Street during the past twelve months on a steadily advancing market. The country is thoroughly sound. Its finances are in good shape. There has been no overexpansion of credit. Industrial interests are not loaded up with raw materials or finished products. They do not have to write off heavy depreciation accounts as in former periods. In this respect they have safeguarded themselves, and as a whole are in good shape as to finances and as to raw material and products.

The business of the country is steadily expanding. Railroads have been taxed to their capacity to handle the traffic offered and must largely increase their facilities to take care of the growth of the country. Hydro-electric and steam power developments are being pushed in many sections, and it is conservatively estimated that the expansion of electric activities will require the expenditure of an average of at least \$1,000,000,000 a year for the next ten years. Railroads should expend equally as much on the expansion of their facilities in addition to the maintenance of their track and equipment. Highway work throughout the country is progressing on a larger scale than ever before and must continue to increase at an ever-accelerating pace for many years. The improvement of our waterways is now more generally recognized than heretofore as a matter of vital importance to the country, and the Administration and Congress seem disposed to vote larger appropriations for this work than in the past.

Public building improvements must go forward, because in nearly all parts of the country the business of the Government has outgrown its postal and custom-house facilities. Building operations show no sign of let up, but, on the contrary, in many parts of the country building work is assuming much larger proportions than at any time since the World War. These fundamental things are so essential that they must be carried forward aggressively, and it is quite certain abundance of capital can be provided.

The stock market is no longer a measure of the nation's business activity nor of the conditions which direct and mold the business life of the country. The income-tax returns of the Government for the first three months of the year show a gain of \$100,000,000 over the amount that had been expected by the Treasury Department, indicating the general prosperity of the country last year. This sets at rest all possible fear of too large a reduction in taxation in the bill passed by Congress and gives promise of a very heavy reduction next year. In proportion as taxes are reduced on the producing interests of the country—especially of corporations of all kinds—will there be an increase in the nation's prosperity, for the money saved from taxation will promptly go into the enlargement of manufacturing operations, of railroad expansion and of everything which makes for increase in our business operations. Reduced taxation stimulates and fertilizes the growth of industry, and with reasonable safety we can now look forward to a still further decrease in income taxation next year. The outlook is therefore promising in every direction. Optimism should be the keynote of the day. There is no room in this land for pessimism.



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APRIL 8, 1926

Manufacturers Record

EXPONENT OF AMERICA

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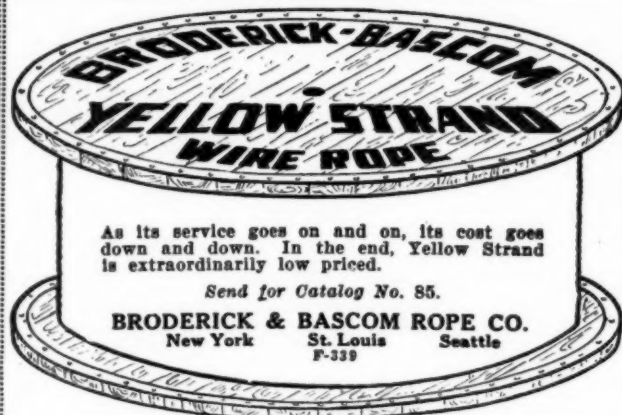
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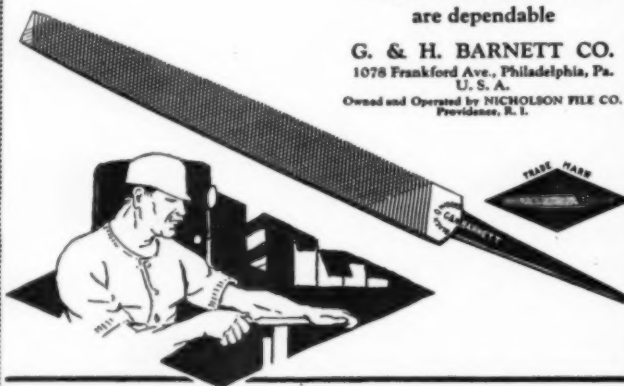
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Manufacturers Record

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Vol. LXXXIX No. 14 }
Weekly }

BALTIMORE, APRIL 8, 1926.

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The Debts of the Allies As Seen in England and in the United States Senate.

WINSTON CHURCHILL, Chancellor of the Exchequer of Great Britain, in a recent address referred to the fabulous wealth of America which, according to him, is "squeezing from war-stricken Europe a vast amount equaling more than half the total sum due from Germany as reparations." Mr. Churchill said that under the terms of settlement between the United States and Great Britain the latter country must pay to this country "\$500,000 daily during three full generations, constituting the most stupendous financial transaction in history."

The London Morning Post, in an editorial quoted in a cable dispatch to the New York Times, criticised the recent speech by Secretary Mellon on the attitude of this country toward the European war debts, suggesting that "America's insistence on repayment may drive the European Powers, and even Japan, into an alliance," and, continued the Post:

"We cordially agree with the Chancellor of the Exchequer, Winston Churchill, that it is an extraordinary situation that reparations should be drawn from the war-stricken countries across the Atlantic to the wealthy, prosperous and great republic. Even if Europe is left with enough to buy one cotton shirt a month, meat once a week and a pair of American shoes each year, there will, we venture to say, be a growing feeling of resentment against this good Samaritan.

"If it brought all Europe, and we might even add Japan, into new concert and closer understanding, it would not altogether surprise us, although it might surprise America.

"This policy of almost skinning Europe may be immediately profitable to the United States, but we question if it is the wisest policy, taking a long view of American interests. But that, of course, is for Americans to decide.

"That some do feel uneasy and ashamed is made clear in a letter which we publish today from John Moody of New York, who, we feel sure, justly claims to express 'the views of an immense number of inarticulate and suppressed Americans.' He points out that the United States went to war for its own safety, which would have been threatened by a victory for Germany.

"It was for that reason, also, that they lent their money; when they did come into the war, which was very late, they were even then unprepared, and in the year which followed made no contribution except money to the common cause. Having spent all our money in a cause which was also America's, the Allies contributed soldiers, while America trained her armies and could only contribute dollars.

"Now that America demands repayment of her contribution, she ignores our contribution, her defense in that fateful year, which was something more precious than dollars—the blood of our people. What interest should the Allies charge upon that debt of America to them? They have charged nothing, because in this case, as in another, blood is not in the bond."

Almost coincident with the publication of these statements as to how Europe regards our effort to compel the payment of the debts of the Allies, Senator Smoot, chairman of the

Finance Committee of the Senate and a member of the World War Foreign Debt Commission since it was created in 1922, discussed the whole situation in connection with the settlement with Italy. In his statement Senator Smoot said:

"No loans were made prior to our entry into the war on April 6, 1917. It was in the first week of April that President Wilson, speaking in the House of Representatives, as a representative of the American people, pledged to our Allies 'our lives and our fortunes, everything that we are and everything that we have.' It was at once realized that we would be unable to send soldiers to Europe in substantial numbers for months. We had not anticipated the war; we had not wished it; we had not prepared for it. Our first contribution to the common cause could be only money. Our Allies had already nearly exhausted their resources. Further sums were needed chiefly to enable them to continue to finance their purchases of foodstuffs and munitions in this country.

"Let me recall to you the words of my distinguished colleague, Senator Simmons of North Carolina, then chairman of the Finance Committee, discussing the first Liberty loan. In addressing the Senate on April 17, 1917, he said (Congressional Record, Sixty-Fifth Congress, First Session, Vol. 55, p. 747):

"Mr. President, we have not the men to send over there at present to help fight our battles; our Navy possibly can be of but very little use in present conditions. It will be long, weary months of waiting before we shall be able to render much assistance to our Allies in the field. The help this bill offers is an earnest and a guaranty which carries hope and assurance of greater assistance and helpfulness in the future. It will assure them that in this great cause we stand ready to risk life and fortune. Let us do this heartily, cordially, unanimously and without hesitation; let us do it in the spirit of men who thoroughly understand and comprehend the great cause in which we are fighting, the great thing that we are undertaking, and who are entering into it without thought of profits, without thought of financial loss, without thought of the bodily discomfort, without thought of the sacrifice, but ready and willing to make every sacrifice."

"Senator McCumber of North Dakota, later chairman of the Finance Committee of the Senate, made the following statement in discussing a subsequent Liberty loan (Congressional Record, Sixty-Fifth Congress, First Session, Vol. 55, p. 760):

"While we are recognizing that we are putting \$7,000,000 into the battle, we must not fail to recognize that we are not as yet putting in a single one of our American soldiers, while blood is being poured out by our Allies in unstinted measure. * * *

"It is probably true that more than a quarter of a million men are going down to death or are being wounded or cap-

tured every month during the contest. Therefore, while they are suffering to that extent, we ought to be mighty liberal in the expenditure of money when we can take no part in the real battle, which today IS THE BATTLE OF THE AMERICAN PEOPLE.'

"I find that I myself, when the first Liberty loan was before the Senate, said (Congressional Record, Sixty-Fifth Congress, First Session, Vol. 55, p. 762):

"The \$3,000,000,000 which we are proposing to raise by a bond issue for the purpose of advancing it to the Allies, I believe, Mr. President, will all be repaid; but if it should not be, or if not one penny of it is returned, I wish to say now that every penny of it will be expended for the defense of the principles in which we believe and which we entered the war to uphold. Mr. President, I think that every dollar that will be expended under the provisions of this bill, if it is expended honestly, will be for the benefit of the United States, whether spent by us or by the Allies.'

"And the distinguished Senator from Iowa, in referring to the first Liberty loan, said (Congressional Record, Sixty-Fifth Congress, First Session, Vol. 55, p. 757):

"I am perfectly willing to give to any of the Allied nations the money which they need to carry on our war, for it is our war. I would give it to them just as freely as I would vote to equip an army or to maintain a navy of our own; but I shrink from the consequences that will, in all human probability, flow from the course which is suggested in this bill. * * * I should like to give to the Allied nations \$3,000,000,000 if they need the contribution, with never a thought of its repayment at any time or under any circumstances; I should like to give that or whatever sum may be thought needed as our donation to one phase of our own war, but I fear that in the years to come that fact that the United States has in its possession bonds of these great countries, which when they emerge from the war will all be bankrupt, will create an embarrassment from which the men of these times will find it difficult to escape. I think it will cost us more to take those bonds and to hold them against these Governments than it would cost us to give the money, with a generous and patriotic spirit, to do something which for the time being, for the moment, we are unable to do with our own Army and our own Navy.'

"Those of us who were here in 1917-18 know how we felt then. There was no thought of commercial loans or of investment of our resources in the bonds of our Allies. We were bound together in a common cause; money was all we had to give, and we gave it freely. It was, of course, expected that if we won the war that some day in some way all obligations of foreign Governments which we received for the sums advanced would be honored and adjusted.

"The greater part of the sums advanced by the United States was advanced prior to the armistice. After the armistice, but prior to the conclusion of peace, we continued to make advances largely to permit our Allies to complete contracts in the United States and to purchase food from this country. In addition, sales of our surplus supplies were made to European Governments on credit, part going to some of the new smaller nations in the form of relief. Relief was also extended through the American Relief Administration and the United States Grain Corporation."

Continuing his discussion, Senator Smoot added that the hardest problem the foreign countries will have to meet is yet to come, and this he regarded as the repayment of loans that American investors are making to European interests. On this point he said:

"I do not think for one moment that the loans that are being made to these foreign countries are going to be paid back for generations. * * * I am speaking of private loans. They never will be paid until something happens in the world, such as the war that has just happened, trans-

ferring the money center of the United States to some foreign country."

This statement of Senator Smoot is based on the history of loans made by England, in discussing which he said:

"When England became the money center of the world and loaned money to all the nations of the earth, and the interest was to be paid to her annually, the countries to which she loaned could not possibly have transferred gold or exchange to pay the interest. And up to the time of the war these English loans to foreign countries continued to increase to the extent that in balancing the exchanges of the countries of the world whatever was over and above that amount was loaned in addition to what she had already loaned foreign countries. * * * I say also without hesitation that the loans we have made to foreign countries and that the banks are making now to foreign countries cannot be paid."

Senator Smoot's idea, we believe, is that these loans, which for several years American investors have been making by the purchase of foreign securities, can never be redeemed, but can be paid only through new loans or extensions of old loans in order to meet these loans as they come due. That, we think, is unquestionably true.

Statements quoted by Senator Smoot from speeches made in Congress at the time when, on the urgent advice of President Wilson, we offered money to our Allies in place of troops we did not have available, should command the serious attention of our people. These loans were made with the hope that by putting dollars where we were not able to put soldiers we would save the lives of our own soldiers and give in exchange therefor the money which we would furnish the Allies to carry on the war.

The case is so clear as to the moral obligation resting upon America that we cannot understand how thoughtful people can take exception to the position which has been maintained by the MANUFACTURERS RECORD that our own honor demands of us that we shall cancel these loans, or at least make an adjustment based on what it cost the Allies to maintain the fight for us for 15 months or more after we were in the war before we could put a single soldier into the field. We asked the Allies to help us. We asked them to fight our battle. We told them we were not ready with soldiers, and that although Germany was making war upon us, and it was supremely important to our existence that Germany should be defeated, the only contribution we could make for a long time to come was a contribution of money in place of men.

With that distinct thought in the mind of Congressmen and of the people at large, we loaned our credit to the Allies, and most of this money was spent in the United States for the purchase of munitions of war and of foodstuffs, all bought by the Allies at exorbitant prices. Some opponents of our position have said that the individuals who sold these American products to the Allies should be the ones to be held responsible for cancelling the indebtedness, and not the Federal Government. That is impossible. Every farmer who sold his wheat or corn or provisions or other products at a fancy price was a beneficiary of what the Allies paid for farm products. Every laboring man who received larger wages than ever before, and every manufacturer who sold his products at higher figures, was a beneficiary of the purchases made by the Allies, and as a result of these higher prices there swept over the country an era of enormous business activity and prosperity.

Out of these large profits the Government also reaped an enormous income from taxation on profits amounting during the four years from 1918 to 1921 to \$12,624,837,000. The only way in which the indebtedness of the Allies could by any possibility be cancelled is through the action of the Federal Government, and that we hold is a matter of honor to this country entirely, without regard to whether Europe should ever request the cancelling of these debts or not.

DO NOT LET THE SOUTH FALL DOWN.

O K. DAVIS, secretary of the National Foreign Trade Council of New York, in a letter to the MANUFACTURERS' RECORD discussed the proposed convention at Charleston in the latter part of April of the Foreign Trade Council, and expressed regret at the fact that Southern ports are not responding as quickly in a publicity campaign for themselves as did the ports of the Pacific Coast when the convention was held there last year. On this point Mr. Davis writes:

"You may say on our behalf, if you like, that last year all the principal ports of the Northwest, especially Seattle, advertised quite widely the attractions of their business and tourist facilities in connection with our convention, and found it a means both of helping along interest in the convention and of calling attention to their own advantages through the medium of a very interesting concrete event within their territory.

"The Southern ports haven't the same psychology on it as the Northwestern ports have, and it is certain that though they have been growing faster than the Northwestern ports, they do not link up our convention with anywhere near the kick we experienced on the Pacific Coast.

"We look to you to help us change this situation both within and without your professional duties.

"You are certainly welcome to distribute the MANUFACTURERS' RECORD at the convention. You folks are really taking the matter to heart, and that cheers us up a lot."

This letter was called forth by a question to Mr. Davis as to whether the MANUFACTURERS' RECORD would be permitted to distribute at the convention copies of this paper showing the commercial progress of the South, as this had not been permitted, so we were advised, at other conventions. Not only is the MANUFACTURERS' RECORD given the privilege of distribution to the members at the time of the convention, but the effort that this paper is making to awaken a broader interest on the part of Southern people in this convention has given heart and cheer to the officials of the National Foreign Trade Council.

Every Southern port should be liberally represented at that convention by some of its ablest men, and every Southern port should inaugurate a program of publicity which will give to the delegates to that convention from all parts of the United States an impression of energy, and vigor and vitality such as that shown by Pacific Coast ports last year.

Is the South to fall short in this respect? Certainly it looks so as measured by Mr. Davis' statement and by the correspondence which the MANUFACTURERS' RECORD has had with the officials of a large number of Southern ports, who, to be perfectly frank, have not shown that degree of interest in this convention which would indicate that they fully appreciated its importance and the necessity of being adequately represented in publicity.

FORD CARS IN SOUTH AMERICA.

"COMMENTS ON ARGENTINE TRADE," published in Buenos Aires, has an advertisement of Ford automobiles. When one looks at the prices of these cars as stated in American dollars he will be a little surprised to see that Buenos Aires prices of Ford cars range from \$1025 to \$2700 for a Fordor sedan. At the bottom of the advertisement is a statement that these prices are a great reduction on the prices which have formerly prevailed in that country, "as it is the policy of the company to sell its products at the lowest possible prices."

MOBILE SETS A GOOD EXAMPLE.

THE people of Mobile have shown their appreciation of the importance of the Charleston Convention of the National Foreign Trade Council. The Chamber of Commerce of Mobile has taken a two-page advertisement in our issue of April 22 of this paper, which will be distributed to all delegates attending the convention. The Merchants Bank of Mobile has also taken a full page, and other Mobile interests will probably follow suit.

We believe every port in the South should be fully represented in that issue of the MANUFACTURERS' RECORD, and in publicity through the Charleston papers during the meeting of the convention, and through the distribution of pamphlets giving full account of the various ports of the South and their facilities, which ought to be given wide circulation. This convention is an opportune time for the South. It should be utilized to the greatest advantage possible.

NEW ENGLAND FOLKS CHARMED BY THE SOUTH.

HON. W. N. MINER of the Committee on Banks and Banking of the Senate of Maine, who with a number of other Maine people recently visited the South, in a letter to the MANUFACTURERS' RECORD pays a fine tribute to the South and shows that this section far surpassed what had been expected by the visitors. His letter follows:

"I was one in the party of 150 from the state of Maine to visit the South. We had the Governor and many of our foremost business and hotel men with us on the trip.

"The object was to learn in person something of the resources and growth of the South and to stimulate our Southern friends to visit our recreational grounds during the coming summer. It was unanimous in our party that the South was more than we had expected. Growth seemed more substantial than had been reported to us. Industrially, commercially and, in fact, in every way the people of the South seemed to be beyond any experimental stage and so optimistic of the future that it was a pleasure to hear them talk.

"We have great confidence in the South, as proven by the investments which many of our party made. The entire lack of sectionalism and animosity leads me to believe there will from now develop a great sense of mutuality of interests between the Northeast and Southeast, as there should be. 'From Maine to California' should be changed to 'From Maine to Florida.' We hope that the saying, 'Where Florida spends the summer,' will be popularized to the same extent as has been the same, 'Where Maine spends the winter.' This will mean a mutuality between New England and the South favorable to both."

Charles Ault, treasurer of the Ault-Williamson Shoe Company, Auburn, Maine, writing on the same subject says:

"Relative to our trip through the South, it was indeed gratifying to us to be received so cordially and hospitably, and feel that through the contact a better understanding has germinated and will develop to the benefit of all.

"We were so finely treated that our only real expression of appreciation can be made by being given the opportunity to entertain a group of citizens from the various states which we visited."

Harry L. Merrill, president of the Merrill Hotel Co., Biddeford, Maine, expressing his views in regard to his trip South, wrote:

"The writer's memories of visits to each one of the Southern states along our route of travel are most pleasant recollections of genuine Southern hospitality, cordiality and fellowship. This spirit of unity for the common good and interest

of your people of the South and ours of the North impressed me first and most of all.

"The vast agricultural interests, the phenomenal industrial growth of the Southern states, the beauty of your cities, the wealth indicated and the civic pride engages one's attention and merits expression of highest admiration. One surmises that this achievement is the reward of a united people working with a singleness of purpose. My first and strongest impression, that will live in memory, was Southern hospitality, and may it be our privilege to reciprocate these courtesies. My second impression was achievement."

INTOXICANTS BY ANY OTHER NAME ARE JUST AS POTENT.

UNDER the allegation that it is not a "beverage" and cannot be used as such, Assistant Secretary Lincoln C. Andrews of the Treasury, in charge of Prohibition enforcement, announces permission for the sale of some malt liquor of 3.75 potency. This liquor is to be dispensed in drug stores, presumably as a "medicine."

Undoubtedly, Mr. Andrews' profound study in medical research qualifies him as an irrefutable judge of medicinal remedies as distinguished from intoxicating potables. Maybe he is even as proficient a doctor as he is an effective enforcer of the Constitution and the laws on Prohibition—which is the superlative. The office of Prohibition Director for the nation requires a versatile man of many parts—a man of tender and alert conscience, a man far removed from the influence of politics, and especially of dirty politics; a man who will follow the dictates of a fearless conscience, rather than prove submissive to the dictation of practical politicians, in picking out regional enforcement officials; a man so skilled in medicine and other sciences that he can distinguish between a 3.75 remedy and a 3.75 beverage—and to all these requirements, and more, Mr. Andrews may be acclaimed by honest advocates of law enforcements as measuring up to the utmost degree.

By some foolish folks fear may be entertained that this move by Mr. Andrews is the first step in a march of intoxicants through the land. That there can be no foundation in fact for such fear is assured in the following extract from the first page of the Washington (D. C.) Post of April 3:

"Medicinal wine is back on the open market.

"Two permits have recently been issued by Assistant Secretary of the Treasury Lincoln C. Andrews for the manufacture of this product, it was announced yesterday.

"Treasury Department officials would not disclose the names of the recipients of the permits nor the percentage of alcohol contained in the product. It was said, however, that the wine is of an old standard and had been in use in pre-Prohibition days, but for medicinal purposes only.

"General Andrews' only comment, when asked whether a person could get an honest-to-goodness 'jag' from imbibing the product, declared: 'The purpose of issuing these permits was to place the wine on the market purely for medicinal purposes, but I have been told that people are even drinking canned heat for its alcoholic contents, and would not be surprised if they tried this product.'

"He made it plain, however, that a person seeking to get intoxicated from the product would probably be as sick as some one drinking canned 'fire.'

Thus does Dr. Andrews still all fears—"the wine" is "placed on the market purely for medicinal purposes." In this knowledge, of course, no thirsty wight will seek to purchase it in bibulous intent. This "wine" is not a "beverage," Dr. Andrews asserts, any more than is the malt liquor he permits to go on sale, with alcoholic content of 3.75. No doubt, further research in the medical laboratory of the Treasury Prohibition unit in time will disclose the fact that whisky or champagne, or even gin, if labeled "Medicine," is not a potable prohibited by national laws.

It even may be, in time, that the Narcotic division of the Government will delve into the study of medicine and learn

the great fact that a mere change of label can transform a poison into solely a medicinal remedy. Merely a dictum that heroin is a "remedy," and therefore cannot be used as a harmful stimulant or drug, will be sufficient to purge it of its fatal properties and promote it to the class of beneficial remedies to mankind.

Apparently, Dr. Andrews has faith in the adage, "A rose by any other name would smell as sweet."

To speak more directly, the farce of Prohibition "enforcement" has become actually a menace to the nation. The laws on Prohibition can be enforced to at least the same extent as the laws on murder and arson and other crimes. And, we believe, in time they will be. Patience has ceased to be a virtue with the law-abiding people of the land—that great majority which favors law enforcement and respect for the Constitution; that great majority which advocates and demands Prohibition throughout the land. Too long has politics—dirty politics—dominated the Prohibition forces of the Government. Weak and unsympathetic—even worse—officials have held sway too long. The handwriting becomes legible on the wall.

WHAT KIND OF "SNAKE MEDICINE" DID HE DRINK?

THE Syracuse (N. Y.) Journal on March 26 printed in black type, and with three strong headlines, the following:

"Tourist Finds Dixie Farmers Taking Things Easy.

"Belief that there is 'more hay raised on 10 acres of Onondaga Hill meadow than is grown in the entire country south of the Tennessee line' was expressed by Horace M. Ellis, 213 Cedar street, who Friday returned from a three-month trip through Ohio, Kentucky, Tennessee, Alabama, Louisiana and Arkansas. Mr. Ellis also inspected Muscle Shoals.

"Mr. Ellis said another objectionable feature of the South was lack of good drinking water, which at its best is far from comparison with Skaneateles spring water. He described the people as shiftless, growing little on the farms and letting cattle run loose in the roads to forage for themselves. He said he saw rattlesnakes 10 feet long in Alabama."

How a respectable newspaper could by any possibility be induced to publish such an outrageous slander as this against the South it is difficult to comprehend. That there is an abundance of good water in the South, as good as can be found in Syracuse, is known to every man who is not a fool, for throughout much of the South there can be found an abundance of the purest spring water, and likewise artesian water of the purest character, and at very small expense in many parts of the South.

The gentleman quoted says he saw rattlesnakes 10 feet long in Alabama. He must have seen them in a wild vision, or else in a show place, for we are quite sure nobody else has ever seen such a remarkable sight in Alabama.

The whole statement is so lacking in ordinary common intelligence that one can only wonder why some Northern papers are still so willing to malign the South. Either the editors themselves are incomprehensibly, stupidly ignorant, or else they roll under their tongue as a sweet morsel every falsehood that they can find in regard to the South.

IN enlisting organized labor in their campaign to restore King Alcohol to his former throne the liquor advocates have played a shrewd game. The ease with which organized labor terrorizes the Congress and many Government officials and politicians of all parties and all sections is notorious. By enlisting organized labor the wets no doubt feel that they have obtained the services of the champion national bulldozer—a bulldozer who once carried his threats right into the White House at a time of national crisis and gained his demands from the President of the United States.

Suggestions That Fit Every Town and City in the South.

THE Hattiesburg (Miss.) American in a recent issue carried a full-page advertisement from E. D. Philbrick, secretary of the Chamber of Commerce of that city, in which were clearly stated many facts worthy of study by the business men of every community seeking to bring about enlarged business operations and greater prosperity.

After reviewing some of the work of the Chamber of Commerce in bringing new industries to Hattiesburg and to the achievement of the Traffic Bureau in securing more equitable freight rates, this advertisement said:

"The Chamber of Commerce work is done by committees. The secretary, through the very nature of his position, cannot actively initiate programs, but can counsel and assist the committees. It is largely a study that demands psychology. Unless a community is receptive, any community movement dies a natural death. You have all seen movements started and seen many of them 'peter out' and die because of lack of interest on the part of the citizens. Fundamentally the basic cause is lack of civic pride and selfishness. We all live too much for ourselves alone and we do not plan for tomorrow. * * * Our Agricultural Committee is stimulating our farmers to produce better crops, and we are offering a substantial cash prize for the farmer in Hattiesburg territory who produces the most soya beans per acre. * * * Our City Affairs Committee is making a careful study of various needs for Hattiesburg. The water-works system and fire protection are vital subjects, and soon or late our community must face this issue. We must anticipate our needs for 25 years when we undertake this subject."

Pointing out the need of an industrial survey, which applies to nearly every town and city in the country, this statement says:

"There is no sentiment in business, and before outside capital will consider moving their business to a community, or even establishing a branch factory, they must be 'sold' in dollars and cents on the entire proposition. Chambers of Commerce have been prone to paint their community in glowing colors, but have not had the foresight to analyze the requirements of a manufacturer in cold figures.

"These facts must be compiled by a recognized industrial engineering firm in order to carry weight. An industrial survey put out, over the signature of a nationally known engineering firm, carries weight in the same proportion that a financial statement supported by an affidavit of a nationally known certified public accountant carries. Such a survey will cost the Chamber of Commerce \$3000 to \$5000, and we propose to undertake this type of promotion work.

"Armed with this information, we can go to prospects that we have been able to interest through advertising and correspondence, and establish personal contacts and present a real sales argument in favor of Hattiesburg. It is a waste of time to depend upon letters alone and it is contrary to good salesmanship. If you were selling a \$5 article, it might be well to depend upon a cold-typed letter, but we are attempting to sell a commodity that may run from \$100,000 to \$1,000,000 in size. This sale should be made by establishing personal contacts, inviting prospects to come here and be entertained by the Chamber of Commerce, and the whole transaction carried on in a broad-gauged manner."

Then reviewing the things necessary to bring a community in touch with industrial progress, the Chamber of Commerce statement reports that the Industrial Committee is now working on a number of good prospects—concerns located in Indiana, Ohio, Pennsylvania and New York, with which connections were established by means of advertising, and then it is said that these prospects "should be called on personally by one or two members of the Industrial Committee in order that we may definitely establish personal relations with them."

Emphasis is laid upon the importance of advertising Hattiesburg, and this applies to all other communities, just as

merchandise is made popular by wide publicity, and the statement says:

"It is just as essential that a community advertise its resources as it is for a merchant. In fact, it is more desirable from a sales point of view, as a community is seeking outside capital and therefore must resort to modern methods. Community advertising will attract and focus thought on our city and south Mississippi. It will acquaint the world with the many good things we have to offer, and when people become sufficiently interested they will investigate, and many will buy freely of the community which we are striving to build. To create a desire is the main part of any sale, and advertising is the cheapest known method of reaching masses with a message. * * * The time has arrived when Hattiesburg must advertise if she hopes to hold her position and to progress as she is entitled to do."

The advertisement contains much more of the same kind of wise suggestion. The need of advertising by Hattiesburg is no greater than the need in a thousand other places. No community can permanently thrive where things such as are here suggested are not carried out. There must be a community spirit, an enthusiasm for one's community, a realization of the need of a careful industrial survey by experts, whose reports would carry weight in the industrial centers of other sections, but these reports will be in vain unless the facts contained in them are given wide publicity throughout the land.

If the people of Hattiesburg will follow the advice given in the advertisement of the Chamber of Commerce, they will find their city soon taking its place among the active, progressive, growing towns of the South. And what is true of Hattiesburg is true of other towns and cities throughout the country.

PRESIDENT MARKHAM ON MISSISSIPPI.

PRESIDENT C. H. MARKHAM of the Illinois Central Railroad Company, in a letter to this paper referring to Mississippi's new stock law, which will become effective October 1, 1927, designed to eradicate the cattle tick evil, writes:

"I believe it is a great forward step in the advancement of stock raising and dairying in that state. Mississippi has made remarkable progress in recent years in modern agricultural development, but in some respects it is still in the pioneer stage. Its progress has been due largely to the work of men of vision who believe in Mississippi's potentialities. Through their leadership a safe and sane agricultural policy has been developed which, if followed, will eventually place Mississippi in the front rank in the nation's agriculture. The enactment of the stock law is indicative that her people are resolved to go forward. Progress is costly, but in the long run it is remunerative.

"I am told that the new stock law has met with general approbation. That is a good omen, for its success will naturally depend upon its enforcement, and unpopular laws are usually not enforced in a democratic government. If it is enforced—as it doubtless will be if it has the whole-hearted support of the people of Mississippi—it will contribute to the raising of better livestock in Mississippi. Scrub stock is the most economical feed for ticks. Control the tick and it is profitable to improve the stock. This the law provides for. The people of Mississippi should demand its enforcement."

It is a pity that this new law does not go into effect for more than a year, but it is well that it has been passed, for it means the beginning of a campaign for state-wide work in Mississippi which will be invaluable to that state and will set the pace for some other states which have not yet carried out a state-wide program for cattle-tick eradication.

President Markham has a full realization of the great possibilities of Mississippi and other Southern states, for a

large proportion of his railroad is now in the South. It was once a Western road. Today it is practically a Southern road, with a Western end dominating, of course, in control but not dominating in mileage.

Mr. Markham, like Stuyvesant Fish when he was president of the Illinois Central, fully appreciates the great resources of the South, and is heart and soul engaged, like Mr. Fish was, in the work of Southern development. Probably no New York man identified with Southern railroads ever had a higher appreciation of the South or worked with a greater degree of enthusiasm for Southern upbuilding than Mr. Fish.

It is extremely fortunate for the great territory tributary to the Illinois Central that in Mr. Markham the South has a friend equally as enthusiastic and equally as vigorous in Southern upbuilding as was Stuyvesant Fish when in his day of railroad management he was perhaps the most farseeing railroad president in the whole South, with a realization of the almost limitless advantages of this section and of its future.

When President Fish undertook the expenditure of about \$100,000,000 with John F. Wallace, his engineer, in the practical rebuilding of the Illinois Central, he said to the writer that he so fully appreciated what New Orleans was destined to be that he was building a road, or rebuilding one, with such low grades that it would be possible for the Illinois Central to carry freight from Chicago to New Orleans at a rate which if put into effect on many other railroads would bankrupt them. Ever since he became president of the Illinois Central Mr. Markham has pushed the work of expansion both in Chicago and in the Southern territory in a farseeing manner which means so much for Southern upbuilding.

COLONEL HOUSE'S REVELATIONS OF HIMSELF.

"THE INTIMATE PAPERS OF COLONEL HOUSE." as recently published in serial as well as in book form, have commanded international attention because they opened up the inside of much of the diplomacy of this country and Europe prior to and during the World War. In some respects it would have been better if Colonel House had left these letters unpublished, but viewed from another standpoint it is fortunate that they have been given to the public, for they show so much of the evil of secret diplomacy and the methods that are used to pull the wires here, there and everywhere that perhaps a study of them will open the eyes of people generally to what might be called the underhand methods of secrecy which go on in this and other Governments.

In this issue "The Intimate Papers of Colonel House" are discussed from different standpoints by two writers—Courtenay De Kalb, an eminent publicist and scientist, and Richard Woods Edmonds. We give them to our readers in order that the differing views expressed by these writers may be studied at the same time.

ONE FLORIDA COUNTY ADDS 1000 HEAD OF FINE DAIRY COWS.

GERRY SWINEHART, director public information, of the Greater Palm Beach Chamber of Commerce, West Palm Beach, Fla., in a letter referring to the recent article on "Making the South the Nation's Dairy Center" says:

"It may be of interest to you to know that Palm Beach county is just at this time giving particular attention to the development of a dairy industry, and that the county at the South Florida Fair at Tampa in February won first prize on its dairy exhibit. You might also be interested to know that in the last nine months more than 1000 head of dairy cows have been brought into the county. You are quite right in pursuing a campaign for the diversification of the South's agriculture, and we feel that you are right in stressing dairying as one of these pursuits."

MARYLAND'S SAD DISGRACE BY THE LIQUOR AND RACE-TRACK GAMBLING INTERESTS.

OF all the baseless, groundless statements made in the Senate of the United States this year, the one that is most reckless—most senseless, silly and unjustified—so far as we can judge, is that by Senator William Cabell Bruce of Maryland, when in his hatred of Prohibition he predicted that in a few more years of Prohibition "half the people in the United States will be in the penitentiary and the other half drunk, with nobody left to look after the Commonwealth." A statement so utterly asinine is worthy of the most rampant whisky element of the country, but when it comes from a representative of Maryland in the United States Senate it only indicates to what degree hatred of Prohibition can carry a man who, like Senator Bruce, never ceases to pour forth his vitriolic charges against Prohibition.

If Senator Bruce stopped for one moment to consider the statement he made, he would know that it is absolutely and wholly incorrect. He would know that the prohibitionists of this country are steadily increasing in number; that drunkenness is decreasing; that the women and children of the laboring people are better clothed, better fed, better housed and with more educational facilities than ever before. Like the mad dog that grows madder and more uncontrollable as he looks upon water, so Senator Bruce seems to grow madder and more bitter in the intensity of his hatred to the "water wagon" upon which millions and tens of millions of the American people are riding.

In the memorial to Congress petitioning for a law to prevent the manufacture, the sale or the transportation of alcoholic liquors in this country, before the Prohibition Amendment was adopted, 1000 of the foremost men of the country, including Judge Gary, Thomas Edison and other men of equal standing in the business world, were signers, and they have not changed their views since. The charge that Judge Gary merely wanted Prohibition for his employees is a deliberate insult to one of the greatest business and ethical leaders this country has produced. Judge Gary, as the *MANUFACTURERS RECORD* published some months ago, does not himself partake of alcoholic drinks of any kind.

Senator Bruce's reference to Thomas Edison, who also signed that memorial, that he hoped Mr. Edison "isn't as good a judge of Jersey lightning as he is of all other forms of electricity," is a slur which reflects far more upon the speaker than it does upon Mr. Edison.

How a man who, standing in the United States Senate, and a man of learning such as Senator Bruce, can permit himself to make such an assertion as he uttered on March 23 is incomprehensible.

With Governor Ritchie, an avowed "wet" and seeking the Presidential nomination as a "wet"; with Senator Bruce, belittling himself as an unceasing advocate of the liquor interests; with Representative John Philip Hill, of whom not much else is now expected than his villification of all that makes in favor of Prohibition, poor Maryland is surely to be pitied by the moral forces of the nation. Soaked in whisky and beer, soaked in the rotten political influence of horse-race gambling, with the state drawing as blood money for licensed gambling on the race tracks more than \$700,000 a year, Maryland seems to be trying to lead the country on the downward to destruction. Surely the time has come when the moral forces of Maryland must awaken to this situation and make a straight-out, open and persistent fight against the whisky, race-track gambling and political rottenness which now disgraces the once fair state of Maryland. The hotbed of this rottenness is Baltimore. The counties of the state are largely Prohibition in sentiment. They must help

to save Maryland from this ever-increasing disgrace of the domination of the race-track-gambling-blood-money income for the state, and the liquor interests which now, through the power of Baltimore, largely control the whole state. In Maryland politics the chief question used is which is the "wetter" of the candidates, and the "wettest" stands to win through political rottenness.

A SCIENTIST'S VIEWS ON DEEP RELIGIOUS QUESTIONS.

COURTENAY DE KALB, the well-known mining engineer, geologist and publicist, in the course of a personal letter to the editor of the MANUFACTURERS RECORD referring to the recent organization by some students at the University of Rochester, N. Y., of what they call the "Damned Souls Society," writes as follows:

"I enclose a clipping from the New York Times of March 4 that touches you, because it reveals the inability of a great Baptist university (Rochester) to keep out the propaganda from Moscow. You will agree that Dean Hoeing is handling it weakly. Rochester University has grown great through the sacrifices of pious Baptists who have given money to train young people under the influence of Christianity. They cannot harbor youthful defiance of Christianity without encouraging a departure from the principles of the Church among the entire student body.

"Some time ago I sent you a clipping relative to the founding in allen New York of the American Association for the Advancement of Atheism, Inc., which is sponsor for this calamity among the students at Rochester—the absurdities and puerilities of it are striking. For instance, they affirm that the meaning of atheism is 'misunderstood.' To one who knows Greek it is perfectly simple—a-theism—against or negating Deity, a denial of God, yet these foolish boys call themselves 'Damned Souls,' whereby they recognize a power that can damn souls, which power is God. If there were no God, there could be no soul; there might be mind, but a soul is the infinite, immortal thing.

"I noted a day or two ago an abstract of an address by a Yale professor in which he said that philosophy cannot prove or sustain religion. As reported it was a foolish statement. Had he cited Kant's 'Critique of Pure Reason,' he might have said that the finite limitations of human reason necessarily stop at the finite, and that religion finds its basis in faith, which is not reason. No one has added one jot or tittle to the analysis of pure reason by Kant, and the Yale professor was merely saying smart things that tend to weaken young men in their religious beliefs. One is not made a skeptic by reading Kant; he merely clears the cobwebs out of the brain. I doubt whether any of our young student skeptics have ever read Kant; they merely read a single chapter analysis by some textbook writer who cribbed it from an earlier textbook writer.

"The one argument, resting upon pure reason, for a kind, benevolent God is that there must be a First Cause; that First Cause is constructive and not destructive; His universe proves on investigation to be based on precise, mathematic harmony; He has brought into existence a race of intelligent beings who all desire immortality; it would be out of harmony with the general scheme of the universe to create aspirations that were to end in eclipse. It is unthinkable that the Creator of a harmonious universe should endow us with a conception of immortality if it were unattainable. Beyond that, I concede, human reasoning on the problem cannot go.

"Our higher educational institutions are becoming centers of diffusion of the pernicious doctrines of the Moscow cabal."

A FIASCO.

A LEADING business man in a letter to the MANUFACTURERS RECORD writes:

"What a fiasco the League is proving to be! Houghton and all the rest of them know it is a failure, as it was bound to be. This idea that national characteristics can be extinguished in a night, and all men be made to think alike, is too absurd. Even the League Court is a flytrap, as we shall speedily discover if Mexico or some other country like it appeals to the League against us."

THE PERU-CHILE SITUATION.

NO settlement of the Tacna-Arica dispute between Peru and Chile ever could have been reached through a plebiscite. We gave our analysis of the situation, and showed why that was true, as far back as last December. In making the award the President's advisers did not save him from overlooking an opportunity to serve the interests of peace in South America. The protocol agreed upon between Peru and Chile at Washington in 1922 was a rigid instrument that merely registered the impasse by submitting the dispute to the decision of an arbiter as to whether or not the plebiscite should be held as originally planned by the framers of the Treaty of Ancón in 1883. There was no flexibility in the protocol; it indicated no willingness to accept an adjustment.

The conditions foreseen by the parties to the Treaty of Ancón might have existed at the end of the 10-year period fixed therein for the plebiscite, but they certainly did not exist in 1922, nor are they present today. Such a rigid document drawn up in pretence of settling a dispute ought to have warned so skilful a lawyer as Secretary Hughes that peace could not follow an arbitration that was not permitted to arbitrate. There was the opening for the exercise of diplomacy, of which we see very little, at any time in this country. As we stated last December, "the obvious thing to have done was to have requested a further conference to agree upon alternatives, since the dilemma (created by this protocol) was unfair to the higher welfare of both countries (Peru and Chile)."

It is not yet possible to single out any particular person upon whom to bestow compliments for the recent act of the Department of State in arranging to hold up the plebiscite and to move the dispute once more into the realms of diplomacy. Obviously, it was not in such dress as to appear to advantage for anyone in a strictly legal proceeding. It seems that both contending parties have recently been suggesting neutralization of the disputed territory. Perhaps the originator of this idea was Peru. Chile seemed not wholly indisposed to find some other settlement than the futile, trouble-breeding method prescribed by the arbitral award.

In diplomacy men do not usually say just what they mean. It is a process that proceeds with the lubrication of innuendo. That is a method known in this country chiefly to a certain type of bankers; it has not entered into the direction of our affairs of State. General Lassiter, being an executive officer representing us in preparations for the plebiscite, ignored the suggestion, but within another 24 hours announcement was made from Washington that Secretary Kellogg had succeeded in having the plebiscite postponed. General Pershing is cited in the dispatch as having given our Government no hope of a successful outcome of the plebiscite in view of the conditions in the disputed territory. That must have had weight; it probably went far toward stimulating the Administration to find some new course. In doing it war has been averted. That is practical diplomacy.

We tender our congratulations and best wishes to the gentlemen who have taken this wise action at this time. We hope they will find a genuine solution that will not only pacify Peru and Chile, but which will not need continual tinkering to keep it in working order. The solemn warnings of Tangier and Dantzig are recommended as examples of dangers to avoid. Internationalization and neutralization depend too much on the unstable conditions of political and commercial rivalries on the part of the adjoining countries and on the jealousies between the guarantors of the neutrality of the disputed territory.

There are other possibilities for settling the Tacna-Arica dispute. There is political independence to be thought of, and also certain interests of Bolivia, which country was shut out from the sea as a result of the war in 1879.

ONE WAY IN WHICH BOOTLEGGING COULD ABSOLUTELY BE DESTROYED.

IF the Administration and Congress are really in earnest in the desire to uphold the Prohibition laws and to punish the violation of them—for violation of these laws leads to the violation of all laws—it is entirely possible to do so. As a suggestion in that direction, the editor of this paper recently wrote to Senator Morris Sheppard renewing a suggestion which he made to the Government more than a year ago as follows:

"Last year I made a suggestion to the authorities in Washington, and afterward republished it in editorial form, outlining a plan by which bootlegging could be stopped if the necessary law could be enacted and enforced. The bootlegging industry thrives on the profits made. So long as a bootlegger can hold on to his profits, a few months or even a year in the jail or penitentiary does not mean much to him. It is no disgrace in his circle to have been confined to the penitentiary, provided he can come out with all of his ill-gotten gains intact.

"My suggestion was the enactment of a national law by which every man convicted of bootlegging, whether he be a big operator or small one, should be fined the full amount of all the profit he has made in the business, and in addition to that be given a penitentiary sentence, the sentence to continue until he had repaid to the Government every dollar he had made in this business. It will be said that it would be well-nigh impossible to find out how much profit he has made, but I think the Government could devise ways of finding out and not be more intrusive into a man's personal affairs than in the income-tax investigations. Some of these bootleggers, of course, keep no books, and in many cases it would be practically impossible to find out exactly what they have made. But if put under oath, with a certainty that if discovered they had perjured themselves as to the amount of their earnings, that very fact would cause them to be sent to the penitentiary for a long time, some of them at least would probably tell the truth.

"In the case of the larger operators it is quite possible that the investigation of their books, if they keep any, or their bank account might give a fair idea as to the profit that they have made in this business. Fine these men the entire amount that they have earned, and in addition to a regular penitentiary sentence in connection therewith let this penitentiary sentence run until they have returned to the Government an amount equal to their entire profits. When the bootlegger found that he was not only in danger of going to the penitentiary, but that every dollar he had earned had been taken from him, or that he would be sent to the penitentiary until that amount had been repaid, bootlegging would cease to appeal to these scoundrels.

"It would be difficult to enforce the law, even if such a law could be enacted, but certainly nobody would object to such a law except the bootleggers and perhaps some who depend upon the bootlegging industry for their whisky and who, therefore, are equally criminal with the bootleggers. If we would succeed in enforcing the Prohibition law, it is absolutely necessary that all profit in the industry shall be destroyed, and I know of no other way of accomplishing it other than such a law as I have suggested. A law to that effect would be thoroughly just in every respect. It would not be in any sense a hardship or in any way unfair to the criminal element engaged in bootlegging. They are openly defying the laws of the country. They are trampling the American flag in the dust. They are seeking to corrupt the people as a whole, and in this open defiance of the Government there must be an adequate punishment or else the Federal Government will in effect say to the world that the criminal element is more powerful than the Government itself. That would mean the practical destruction of our Government.

"We come, therefore, face to face with the fact that bootlegging must be made unprofitable and be punished so severely that it will no longer dare to flaunt its criminality openly or secretly against this Government. The rum-running ships should be regarded in some way as piratical craft, for on the high seas they are making actual warfare upon the United States. No mercy should be shown to the ship owner,

to the ship's cargo or the men on board. They are more defiant of the Federal law than were the old slave-trading ships of early days before Great Britain made slave-trading on the high seas a piratical offense.

"As important as Prohibition is to the welfare of America, it is not so vital to our existence as a Government as is a curb on the lawlessness which is prevalent throughout the land, with the utter disregard of the Prohibition law by thousands of criminal bootleggers and rum-running ships which disgrace every flag under which they sail. So long as there is profit in the business of bootlegging, there will be criminals willing to take a risk for the sake of the money to be made. But whenever the Government will by determined action fine the criminal every dollar that he has made in this business, and in addition send him to the penitentiary, then, and not until then, will the bootlegging industry be practically destroyed.

"In view of the fact that this suggestion which I made more than a year ago to the Prohibition officers of the Government did not bring forth any results, I am taking the liberty of making the suggestion direct to you by reason of the great fight you have made in behalf of Prohibition. I would greatly appreciate your views as to the feasibility of enacting such a law, and especially in the light of the fact that none but those criminally interested in the selling or purchase of bootleg whisky can possible object to a punishment such as I have indicated."

WANTED, A PLANT TO EMPLOY FEMALE LABOR.

Greene County Commercial Club.

Paragould, Ark., March 19.

Editor Manufacturers Record:

Paragould, like many other small cities in the South, has depended on cotton and the woodworking mills for its revenue almost entirely for some years. The town has outgrown its present industrial facilities and unless we get some new factories our people are going to go elsewhere to find employment. The Missouri Pacific Railroad shops are located at Paragould, and employ some 150 or 200 men. The woodworking plants operating here furnish work for some 600 or 700 more, while the combined number of industrial workers in all other lines amounts to about 100.

There is nothing here to supply work for female labor and until some three or four weeks ago we had not realized how much this is needed. A garment-manufacturing concern intimated that a branch might be established in Paragould if assurance could be given that the town could furnish an adequate supply of white female labor and a site and building. In making the canvass for the workers it develops that there are 700 or 800 women and girls here who are clamoring for work. This type of labor is above the average usually found in factories, as the applications have been filed by wives and daughters of men who, for the most part, own their own homes in the suburban or rural districts. Health conditions are excellent and there is no organized labor to contend with.

It is hardly probable that we will get the garment factory, as we cannot meet the amount of capital that is expected. Paragould, however, is willing to donate a site to any concern that can furnish evidence of its solvency if it will come in here and erect a plant that will furnish employment to as many as 250 women and girls at a fair rate of wages. We can supply the names and addresses, also their antecedents, of persons who want work in a garment, shoe, mattress or any other manufacturing plant in Paragould.

You understand, of course, that we have the necessary transportation facilities, power at reasonable rates, excellent water and sewerage—in fact, every advantage that any place of similar size could offer. We are in the heart of one of the richest cotton sections in the United States, and a textile mill should prove a profitable venture. Our population is approximately 8000, native whites.

Any suggestions you can give us will be very much appreciated by our advertising department.

(Mrs.) BELLE H. WALL, Secretary.

Here is a specific illustration of one of hundreds of similar cases where an abundance of female labor of native Anglo-Saxon stock can be found in many of the smaller towns of the South. Enterprises to employ such labor are blessings to those people, who make the finest class of female workers to be found in the country.

REMARKABLE REVELATIONS OF SOVIETISM AND ATHEISM IN SOME COLLEGES.

NO surprise whatever should be aroused by the following excerpt from a special news telegram from Poughkeepsie, N. Y., to the Baltimore Sun:

"Attempt to place a 'student soviet' in control is blamed by Dr. Bernard Bell, president of St. Stephen's College, Annandale-on-Hudson, for the strike today of 140 students at the institution. The college prepares young men for the ministry of the Protestant Episcopal Church. * * * The strikers demand that President Bell turn over administration of discipline to a faculty committee. This, Dr. Bell says, the college charter prevents."

Such is merely a natural and almost automatic result of the encouragement of the "Youth Movement," socialism and even treasonable doctrines in many universities, colleges and other educational institutions, including even some which "prepare young men for the ministry."

To take the specific case of St. Stephen's College: A "report of the joint legislative committee of the state of New York investigating seditious activities," in Volume I, entitled "Revolutionary Radicalism," sub-head, "Subversive Movements," on page 1115, says:

"There are two dangerous centers of revolutionary Socialist teaching of a university type in ecclesiastical institutions. One is the Union Theological Seminary of New York, where Christian ethics are taught by Dr. Harry F. Ward; the other is St. Stephen's College at Annandale, N. Y., where the president is the Rev. Iddings-Bell, and the professor of economics the Socialist, Dr. Edwards."

First disclosing the activities of Rev. Dr. Ward, who has been described at length in the MANUFACTURERS RECORD, the report continues, on page 1117:

"The same attempt to swing existing educational institutions to the support of the atheism and materialism of the I. W. W. and bolshevism is shown in the movement in the Episcopal Church, of which the nominal leader is the Rev. Bernard Iddings-Bell. He is at the head of St. Stephen's College at Annandale, where so many young ministers of the Episcopal Church receive university education. The head of the department of economics is the Rev. Lyford P. Edwards, an able expositor of socialism and member of the Socialist party. He gives courses at the college on the I. W. W., on Syndicalism, Socialism and Bolshevism. As a Socialist who was selected to represent this party in the Episcopal Church at last year's convention in England he teaches these movements to the young Episcopalians sympathetically."

"What the president, Dr. Bell, himself thinks can be judged from his book, 'Right and Wrong After the War.' He here bases the whole history and character of civilization on what he calls the two great 'Urges'—the Hunger Urge and the Sex Urge—which we have in common with the animal kingdom. He accepts, in other words, the lowest form of the Karl Marx materialistic conception of history, in which there is absolutely no place for a God in the evolution of the universe. Logically, this is inescapable theism. As a corollary, he states two fundamental articles of faith: (1) That private property should be absolutely abolished, and (2) that interest on invested property, rents, savings, etc., is robbery. He also condemns, as the Bolsheviks do, the present institution of the family, which he regards as a purely sexual relation, except in so far as it subserves the raising of the young."

"In a sermon delivered on May 23, 1920, in the Cathedral of St. John the Divine Dr. Bell announced his sympathy with the revolutionary element of labor which demands the abolishing of the wage system and the communistic assumption of control. He states that the New Social Order is here and must be accepted. He says 'The world has already determined that the change shall be, and the real question now is whether it shall be by orderly, decent, law-abiding methods or brought about by blood and iron—by working-class revolution or by common sense.' He favors, as a matter of course, internationalism as against national patriotism."

On perusal of this report, can anyone be surprised by this student "strike" at St. Stephen's College? The only wonder

is that it has not been turned over to the students, with institution of the Youth Movement and the free love and atheism which also are directly or indirectly propagated at many educational institutions.

Existence of such conditions as those disclosed in this New York legislative committee report is more than a disgrace to the religious body with which St. Stephen's is affiliated—it is a menace to the integrity and safety of the United States, and in almost the same measure to the peace and safety of the entire world. To profess to teach "religion" in an institution whose heads are advocates of bolshevism, free love and atheism is dishonest to the ultimate. Parents and guardians who encourage such institutions by permitting their sons or daughters or wards to attend them are active inciters to the crimes which are preached in them.

GO AND DO LIKEWISE.

LUTHER LAND, a general merchant of Camp Hill, Ala., in sending a year's subscription to the MANUFACTURERS RECORD for a friend of his in that town writes:

"If possible, I would like to see your journal in every home in Camp Hill. I believe it would do more in getting them out of the rut than any other publication obtainable. Please see that Mr. — is put on your subscription list immediately. I hope to forward others in the near future."

"I have taken issue with a party that the letter on the front-cover page was not a paid advertisement. Will you kindly advise me as to the same?"

Mr. Land did not mention the particular issue to which he referred as to the front-cover page, but it is needless to say that no line of advertising of any kind whatever is ever permitted to occupy that space. Neither directly nor indirectly in any way does the front cover of the MANUFACTURERS RECORD ever carry an advertisement.

We wish every other subscriber in the South would follow the good example of Mr. Land and induce their neighbors to subscribe to the MANUFACTURERS RECORD. We believe that Mr. Land is correct in saying that it would do much toward getting them out of the rut, and thus broaden their vision, and at the same time to help realize the prosperity of the South.

BOOTLEGGING AND "CRIMINAL ACTS."

THE following paragraph from a local news article in the Baltimore Sun would be amusing if it were not symptomatic of a very serious condition in American morale:

"Mrs. Unkelbach admitted freely, Captain Burns said, the connection of her husband and herself with the Whittemore gang, but denied any knowledge of any criminal acts on their part, saying that she thought their money had been made by bootlegging."

That this wife of a confessed criminal "gangster" should differentiate between "criminal acts" and the activity of bootlegging is not strange; but, apparently, the reporter who wrote this article, the copy reader who edited it, the compositor who set it and the proofreader who passed it took exactly the same view. To go further, a citizen of average intelligence to whom this paragraph was shown failed to note the distinction between bootlegging and other "criminal acts."

Can it be that bootlegging now is recognized and accepted as a legitimate industry, rather than a "criminal act"? If so, and it seems so, the responsibility rests fairly and squarely on the shoulders of Federal, state and local officials who, sworn to uphold and enforce all laws, neglect their duty and perjure their immortal souls.

Great Decline Indicated by 1925 Farm Census Compared With Boom Period of 1920—Situation Would Be Alarming Except for Increased Efficiency of American Farmers.

By HOWARD L. CLARK.

Based on the returns of the 1925 farm census, compiled by the MANUFACTURERS RECORD from preliminary state reports issued by the United States Census Bureau, the area of improved farm land, or land suitable for plowing, in the country showed a slight increase compared with 1920. This is practically the only encouraging sign—together with greater efficiency in farm operation and a larger acreage harvested—in the face of the decreased farm population and number of farms, the decline in total farm land area, the increase of farm tenancy and the estimated decreased farm property values.

In making a comparison of values it must be remembered that the 1920 farm census was taken at the peak of inflation and of general farming activities in the United States created by the world demand for American foodstuffs immediately preceding and following the World War. Nevertheless, American agriculture does not now show such a proportion of increase in comparison with the farm census of 1910 as the general growth and prosperity of the country warrants. And no one will say that the American farmer—North, South or West—is receiving a fair measure of the country's prosperity.

Without a prosperous agricultural foundation no business activity in this country can long remain on a sound basis. The farmer is the backbone of the nation, for all wealth comes from the soil, and the sooner the leaders of America accept this axiom and co-operate to the extent of aiding the American farmer to take his proper place with American industry, the sooner will general business become more stabilized.

Let us study the facts of the farming situation in the United States as brought out by the 1925 farm census statistics. They are not encouraging, but they show the trend of conditions, which must be faced and plans devised for their correction.

The Census Bureau released some weeks ago the final figures giving the number of farms in the United States. Final figures have not been released on other items of the farm census of 1925, but from preliminary state announcements comparisons may be made giving an indication of the farming situation of the country and the South's standing in relation to other sections.

The South has more than half of the total number of the country's farms, as reported by the 1925 census. While about 32 per cent of the land area of the country is in the South, this section has 38.5 per cent of the country's total farm acreage, 34.5 per cent of the country's crop land and 36 per cent of all pasture land. Over 27 per cent of the value of all farm property in the United States is in the South.

The number of farms in the United States in 1925 was 6,372,263, compared with 6,448,343 farms in 1920. The number of farms in 1925 was but 10,761 more than in 1910. Of all the farms in the country the Southern states in 1925 had 3,382,305 farms, or slightly more than 53 per cent of the

country's total. In 1920 the South had 3,459,528 farms, and 3,363,955 in 1910. Between 1920 and 1925 the number of farms in the South decreased by 7223, while the rest of the country outside of the South during this period reported an increase of 1143 farms.

According to the preliminary census returns, the number of farms actually operated by farm owners were less than reported in 1910. The number of farms operated under farm managers also declined, while farm tenancy shows a steady increase since 1900. Farms operated by owners in 1925 numbered 3,868,259, about 43 per cent being in the South; farm managers operated 41,101 farms, about 30 per cent being in the South, and farm tenants operated 2,462,054 farms, 68 per cent of which were in the Southern states.

Likewise the preliminary census returns show the area in farms in the United States to be less than in 1920. All the land in farms in the country in 1925 was 924,989,402 acres, of which 356,298,074 acres, or 38 per cent, were in the South. Of the country's total land in farms 391,302,670 acres (34 per cent being in the South) were classified as crop lands in 1924, while 408,492,146 acres, 36 per cent being in the South, were listed as pasture lands. The aggregate area in farms in 1920 amounted to 955,883,715 acres, 383,952,000 acres of which were in the Southern states. Since 1900 the acreage in farms in the South has been declining, dropping from 394,967,996 acres in 1900 to 356,298,074 acres in 1925. Improved farm acreage, however, has been increasing at each census, not only in the South but in the rest of the country as well. Estimating the total improved land in farms, based on the total crop land under cultivation and land suitable for plowing, it is found that in 1925 the country had 507,576,000 acres of improved farm land, compared with 503,073,000 acres in 1920 and 478,451,750 acres in 1910. The South reported 181,627,000 acres of improved land in farms in 1925, which is about 36 per cent of the country's total; 181,259,000 acres in 1920 and 174,558,000 acres in 1910. This is the one bright spot in the general farm situation, for it indicates that agricultural conditions are improving and that the farmer is trying to develop and operate a more efficient plant with which to carry on his business of farming.

Turning to farm capitalization, or the amount of money invested in the farm as an industry, it is found that the decline in farm property values, based on the preliminary census reports giving the value of farm land and farm buildings, the estimated value of farm machinery and equipment, and the value of livestock on farms, has been equally as marked as the decrease in the number and acreage of farms. It is estimated that the value of all farm property in the country in 1925 was \$56,910,000,000. Of this total \$15,493,000,000, or 27 per cent, are in the South. For the entire country in 1920 the farm property valuation was \$77,924,100,000, of which \$21,685,380,000 were in the South, and in 1910 \$40,991,449,000, of which \$10,961,865,000 was the South's farm property valuation. The preliminary census reports give the value of farm land for 1925 as \$37,782,373,000 for the entire country, as compared with \$54,829,563,000 in 1920 and \$28,475,674,000 in 1910.

The value of farm buildings for the entire country in 1925,

however, made a slight gain, increasing from \$11,486,439,000 in 1920 to \$11,767,603,000 in 1925. The value of farm buildings in the country in 1910 was \$6,325,451,000; the value of farm buildings in the South in 1925 amounted to \$2,976,117,000, compared with \$3,277,906,000 in 1920 and \$1,679,160,000 in 1910.

The Agricultural Department reports a continued decrease in the country's farm population and estimates there were 479,000 fewer people on farms than a year ago. The estimated number of men, women and children living on farms January 1, 1926, was 30,655,000, compared with 31,145,000 January 1, 1925, a decrease of 1.5 per cent. The movement

PRINCIPAL ITEMS OF THE 1925 FARM CENSUS OF THE UNITED STATES, BY STATES AND SECTIONS.

(Compiled by the Manufacturers Record from Preliminary State Reports, United States Census Bureau.)

States	Number of farms, 1925	Land in farms		Farm land value, 1925	Farm buildings value, 1925
		Total acres, 1925	Crop land acres, 1924		
Alabama	237,564	16,742,572	7,718,765	\$308,873,180	\$106,431,419
Arkansas	221,995	15,681,916	7,291,449	421,869,830	120,068,327
District of Columbia	139	3,813	2,371	3,564,054	1,231,382
Florida	59,202	5,940,229	2,022,284	417,215,172	63,106,096
Georgia	249,101	21,964,436	10,696,685	434,698,277	154,639,057
Kentucky	258,511	19,915,166	6,827,188	617,040,068	231,410,666
Louisiana	132,451	8,837,664	4,263,690	253,673,982	73,064,272
Maryland	49,001	4,439,648	2,227,515	209,397,334	135,906,868
Mississippi	257,227	16,053,456	6,657,079	347,606,424	112,230,111
Missouri	260,484	32,637,043	15,272,361	1,572,508,247	441,057,500
North Carolina	283,492	18,597,795	6,832,320	689,719,172	240,562,606
Oklahoma	197,215	30,933,893	15,811,578	880,453,466	169,488,616
South Carolina	172,766	10,644,126	5,009,737	347,617,684	110,825,727
Tennessee	252,669	17,911,026	7,574,206	557,760,331	204,225,527
Texas	466,395	109,798,247	29,512,202	2,634,886,812	421,106,719
Virginia	193,716	17,212,589	5,368,188	602,288,360	286,336,384
West Virginia	90,377	8,984,455	1,921,092	253,182,486	104,425,728
Total	3,382,305	356,298,074	135,008,710	\$10,552,354,879	\$2,976,117,005
Maine	50,033	5,164,738	1,659,762	\$97,659,369	\$99,618,241
New Hampshire	21,065	2,262,064	542,846	37,566,831	49,794,768
Vermont	27,786	3,924,638	1,148,821	63,783,775	73,487,074
Massachusetts	33,454	2,367,629	682,607	110,437,431	144,165,510
Rhode Island	3,911	310,993	*70,000	*15,500,000	*16,266,465
Connecticut	23,240	1,832,110	534,354	92,086,358	110,709,412
New England	159,489	15,862,172	4,638,390	\$417,033,764	\$494,041,470
New York	188,752	19,270,259	9,088,221	\$647,632,056	\$720,821,682
New Jersey	29,671	1,924,545	1,126,051	130,018,427	132,170,383
Pennsylvania	200,419	16,298,275	8,431,792	559,861,344	616,796,204
Delaware	10,257	899,641	518,859	34,537,964	25,580,702
Middle Atlantic	429,099	38,392,720	19,164,923	\$1,372,049,791	\$1,495,368,971
Ohio	244,702	22,222,475	11,695,606	\$1,295,201,633	\$647,948,891
Indiana	195,787	19,917,780	11,989,634	1,269,240,987	427,663,876
Illinois	225,597	30,735,803	21,316,736	3,428,229,461	776,079,276
Michigan	192,326	18,036,700	9,671,670	768,268,830	519,692,106
Wisconsin	193,144	21,851,733	10,128,794	1,210,194,469	689,519,627
East North Central	1,051,556	112,764,491	64,802,440	\$7,971,135,380	\$3,060,903,776
Minnesota	188,227	30,040,933	18,645,920	\$1,798,470,419	\$597,534,909
Iowa	213,481	33,285,534	21,991,893	3,976,665,094	984,762,640
North Dakota	75,969	34,326,905	21,864,121	812,160,391	206,383,281
South Dakota	79,535	32,006,898	16,430,578	1,200,741,574	236,176,643
Nebraska	127,727	42,024,129	20,699,180	2,125,006,360	398,299,943
Kansas	165,879	43,729,129	23,895,007	1,833,406,761	364,860,908
West North Central	850,818	215,413,528	123,526,699	\$11,746,450,599	\$2,788,018,324
Montana	46,896	32,740,442	8,471,316	\$387,089,818	\$66,255,825
Idaho	40,582	8,140,456	3,716,066	310,242,891	63,650,428
Wyoming	15,509	18,637,624	1,880,269	147,822,020	24,538,776
Colorado	58,025	24,168,388	7,200,199	493,673,132	98,630,320
New Mexico	31,687	27,927,525	1,799,151	149,996,740	23,421,398
Arizona	10,798	11,065,130	578,578	-126,764,631	17,324,011
Utah	25,998	4,996,599	1,425,138	159,907,780	32,545,806
Nevada	3,913	4,288,536	*375,000	*60,700,000	*8,056,123
Mountain	233,408	131,964,700	25,445,717	\$1,836,197,012	\$334,422,687
Washington	73,266	12,608,234	6,083,649	\$584,386,164	\$142,503,983
Oregon	55,909	14,120,043	4,229,947	506,159,863	111,014,352
California	136,413	27,565,440	8,402,195	2,796,606,117	365,212,707
Pacific	265,588	54,693,717	18,715,791	\$3,887,152,144	\$618,731,042
Total United States	6,372,263	924,989,402	391,302,670	\$37,782,373,569	\$11,767,603,275

*Estimated.

from farms to cities, towns and villages in 1925 was estimated at 2,035,000 and the movement to farms at 1,135,000, a net movement away from farms of 901,000 persons. Taking into account the increase of births over deaths reduces the cityward movement of farm population to a net loss of 479,000. The loss in farm population for 1924 was 182,000 persons. All geographical divisions of the country showed a net decrease in farm population during the past year.

Coupled with the decreasing farm population, the comparison of the farm census returns of 1925 with the boom years preceding 1920 paints a rather gloomy picture of American agriculture. The situation presented is bad enough, and indeed would be alarming were it not for the fact that farming today is on a better basis of efficiency than in years past. While the acreage production of American farms in less than that of some of the agricultural countries of Europe, we are ahead in farm production per farm worker. The increased use of modern machinery and equipment on the farm has enabled the American farmer to at least hold his own in production in spite of the migration of farm labor to urban centers.

Take the situation in the South. It was only a few years ago that the prediction was made that the exodus of negro farm labor from the South would curtail the operations of the Southern cotton growers. In fact, most of the cotton produced in the South is by the white farmer operating a small acreage. Many of these white farmers, of the share and tenant class, have likewise left the farm in large numbers in recent years, but last year the Southern states harvested a record cotton area of 45,467,000 acres.

The aggregate crop area harvested in the South in 1925 was 129,302,000 acres, producing crops valued at \$3,795,000,000, compared with 109,198,000 acres in 1910 and 97,423,000 acres in 1900. The country as a whole harvested 372,426,000 acres in 1925, which produced crops valued at \$9,615,000,000, compared with 311,195,000 acres in 1910 and 283,218,000 acres in 1900.

Of a total crop area of 129,302,000 acres in 1925, which was about 35 per cent of the country's aggregate crop acreage that year, the combined area harvested of corn, wheat and oats in the South amounted to 53,044,000 acres. Therefore, over 41 per cent of the South's crop acreage was in these three principal grain crops. The area in cotton was about 35 per cent, and the balance was devoted to miscellaneous crops, not counting the millions of acres in apples, peaches, citrus and other fruits. In 1925 nearly one million acres of commercial truck crops, practically all winter and early spring vegetables, were harvested in the South, showing the extent of farm diversification as practiced in the Southern states, which indicates that this section is not a one-crop section in spite of the magnitude of its cotton output.

The question is how long can the United States withstand the steady flow of farm population away from the country, the continued decrease in the number of farms and the cutting down of its total farm acreage, by creating more efficient methods of farm management and cultivation in order to hold the proper balance of agriculture with the increasing industrial and urban population and general business activity of the country. This is a serious problem confronting the nation, and it will take the best minds of our country's leaders to solve it and at the same time save the American farmer from all the visionary schemes which would result in the end in trying to make him lift himself by his own bootstraps. Agriculture in the larger sense is the biggest business in the United States, though the value of its output is not equal to the value of manufactured products. It must be placed on a sound basis, operating on tried and safe business principles, utilizing in its production methods modern equipment and cultivation, and in sales modern distribution methods.

A Birmingham Real Estate Investment Banker's Views on Various Subjects.

A. R. DEARBORN & Co.,
Birmingham, Ala.

Miami Beach, Fla., March 13.

Editor Manufacturers Record:

For several months I have been in Florida convalescing from a severe illness. I have sent to me here the *MANUFACTURERS RECORD* and read it with the greatest interest. I regard it as the most constructive as well the most important publication of its kind.

Please permit me to say that, in my opinion, the Leland-Joy Prohibition discussion which has appeared in recent numbers of your highly esteemed publication has done more to put men busily engaged with their personal affairs to thinking than has any one incident which has lately occurred in connection with this subject.

In your March 11 number appears a letter from C. M. Kaylor of Norfolk, Va., taking you to task for devoting so much space to the Leland letter. A complete answer to Mr. Kaylor's criticism is the communication in the same issue from Lon. Sanders of St. Louis, who rises to thank you for the opportunity you have afforded him to revise his views regarding the Volstead Act, expressing his deep appreciation of Mr. Leland's masterly appeal.

It is my belief that a large majority of the business men referred to by Mr. Kaylor would resent the suggestion that if brought to their attention Mr. Leland's letter would not receive a respectful hearing, even though in some cases different opinions might be held on the question involved. It is my further conviction that these same business men who are so busily intent upon their various vocations keenly relish the broad and instructive editorial matter weekly appearing in the *MANUFACTURERS RECORD*, and would not subscribe to a curtailment of the often extended and vigorous treatment of the leading questions of the hour, political and otherwise.

Personally, I heartily commend your position in regard to the debt due America by the Allies—a subject that many of our intelligent citizens look upon as having now but little bearing upon our country's economic welfare, when, as a matter of fact, it may yet bring about a far-reaching disturbance in the commercial and industrial life of the nation. When pressure is brought upon the Allies to collect the several sums due us, in turn they will be forced to intensify and increase their products of manufacture and find for them purchasers—regardless of price—invading, when necessary, the markets of the world without respect to its effect upon our ability to meet competition and continue the present high standard of living which American labor now enjoys.

This view strips the subject of its altruistic aspect and reduces its consideration to the same basis as that which forced us to enter the war, viz., to save ourselves from impending disaster, and for no other reason.

A. R. DEARBORN.

Suburban Development of 680 Acres.

Orlando, Fla.—A tract of 680 acres of land 12 miles west of Orlando, in the Windermere section, will be developed at once by the C. A. Roberts Real Estate Co. of this city, Robert C. Geigel, advertising manager. The property has seven miles of frontage on Lakes Butler, Crescent and Downs, and has been cleared of underbrush preliminary to construction work. Facilities to be provided will include streets, lights, water, golf course and clubhouse, hotel and yacht club. The Florida Associated Engineers of Orlando are construction engineers, and John J. Watson of St. Petersburg, Fla., landscape architect.

More Than 20,000,000 Motor Vehicles in the United States—Over One-Quarter of These in South.

APPROXIMATELY \$12,000,000,000 SPENT ON MOTOR VEHICLES AND THEIR OPERATION IN 1925.

The automobile and good roads, for which it is directly responsible, are the largest contributors to our national wealth. They have done more to increase land values than any other factor by opening up heretofore inaccessible suburban and country districts. They have shortened distance measure in time and speeded up business to a point never before reached. They have brought health to the city dweller, and both the city and the country dweller have obtained healthful recreation and a broadened outlook which is reflected in new energy and activity.

This country, with over 20,000,000 motor vehicles, has approximately 80 per cent of the world's total, and apparently no limit to our motor vehicle expansions is in sight. Last year was a record year in output, when 4,325,000 motorcars and trucks, having a wholesale value of \$3,000,000,000, were produced. The aggregate wholesale value of the motor vehicle industry, including tires and accessories, was over \$4,886,000,000 in 1925, and this does not include the additional retail value, nor the production of the gasoline and allied industries, automobile repairing and other expenses connected with the maintenance of automobiles, aggregating over \$12,000,000,000 a year. Probably \$3,000,000,000 was spent by the South. An idea of this vast sum may be obtained when we learn that it represents nearly a quarter more than the total value of all the crops produced in the United States in 1925,

more than half of the country's railroad investment and nearly double the total amount spent in the United States last year in new building and construction work.

With the expansion of the good roads program throughout the South and elsewhere and perfection of the automobile, there has come the logical development of the motorbus industry. Motorbus lines have been increasing for several years, but in 1925 they reached a commanding importance and were an outstanding feature of the 1925 motor vehicle development. At the end of last year there were more than 70,000 buses in operation in the United States. In addition, railroads using gasoline motor coaches numbered 190 and railroads using motortrucks for shipping service totaled 51. Motorbus lines now operate not only between the larger cities of the country, but few country districts which have good roads are without this public means of conveyance. With the motorbus has come the motorbus terminal, and the South is taking the lead in this new form of construction. Through the South motorbus lines are expanding and the service is developing in keeping with its growth.

During the last five years \$4,925,000,000 has been spent on the country's highways, \$1,415,000,000, or nearly 29 per cent, of this was in the South.

The total registration in 1925 reported by the Bureau of Public Roads of the Department of Agriculture was 19,954,347

REGISTERED MOTOR VEHICLES, REGISTRATION RECEIPTS, LICENSES, ETC., BY STATES.

States.	Number Motor Vehicles, 1925				Registration Receipts			
	Automobiles, taxis and buses	Motor trucks and road tractors	Total number motor vehicles	Persons per motor vehicle	Total number motor vehicles 1924	Per cent increase 1925 over 1924	Total receipts 1925	For highways 1925
Alabama	171,387	23,193	194,580	12.8	157,262	23.7	\$2,511,120	\$2,395,192
Arkansas	159,511	24,078	183,589	10.2	141,983	29.3	3,150,000	3,138,000
District of Columbia	89,790	13,302	103,092	4.9	88,762	16.1	291,207	254,387
Florida	237,435	48,953	286,388	4.4	195,128	46.8	3,645,628	3,384,408
Georgia	217,578	30,515	248,093	12.5	207,688	19.4	3,010,415	2,912,118
Kentucky	235,020	26,627	261,647	9.5	229,804	13.8	3,780,062	3,647,957
Louisiana	176,000	31,000	207,000	9.1	178,000	16.3	3,400,045	3,360,045
Maryland	222,173	12,074	234,247	6.6	198,465	18.0	2,576,301	2,326,301
Mississippi	159,134	18,128	177,262	10.1	134,680	33.6	1,530,000	1,484,100
Missouri	543,426	60,740	604,166	5.7	540,500	11.8	7,267,098	6,835,075
North Carolina	311,384	28,903	340,287	8.0	302,232	12.6	8,359,844	8,210,083
Oklahoma	393,047	31,298	424,345	5.4	369,903	14.7	4,576,572	4,165,880
South Carolina	153,343	15,153	168,496	10.7	161,753	4.2	2,366,076	1,736,716
Tennessee	221,712	22,914	244,626	10.0	204,680	19.5	3,060,948	3,006,705
Texas	886,362	88,721	975,083	5.3	801,833	21.6	13,477,931	13,001,785
Virginia	246,950	35,700	282,650	8.8	261,945	7.9	4,300,950	4,122,018
West Virginia	190,257	27,332	217,589	7.5	191,085	13.9	3,354,247	2,783,573
Total South	4,614,509	538,631	5,153,140	7.6	4,365,703	18.0	\$70,658,453	\$66,764,343
Arizona	59,798	8,231	68,029	6.2	57,828	17.6	\$405,592	\$387,592
California	1,225,796	214,745	1,440,541	2.9	1,319,394	9.2	7,816,298	6,506,218
Colorado	221,513	18,584	240,097	4.3	213,247	12.6	1,430,299	1,358,784
Connecticut	213,486	37,183	250,669	6.3	217,236	15.4	5,644,247	5,644,247
Delaware	32,550	7,590	40,140	5.9	35,136	14.2	680,700	680,700
Idaho	73,896	7,610	81,506	6.2	69,227	17.7	1,192,587	1,192,587
Illinois	1,101,943	161,234	1,263,177	5.6	1,119,236	12.8	12,969,754	12,969,754
Indiana	630,554	94,856	725,410	4.2	651,705	11.3	4,649,663	4,443,982
Iowa	613,412	45,790	659,202	3.6	616,128	7.0	9,741,103	8,788,466
Kansas	409,968	47,065	457,033	4.0	410,891	11.2	4,610,090	4,379,585
Maine	116,229	24,270	140,499	5.6	127,598	10.1	2,182,135	1,302,196
Massachusetts	554,813	91,340	646,153	6.4	570,578	13.2	9,843,901	8,922,387
Michigan	885,524	103,486	989,010	4.3	867,545	14.0	14,526,002	13,356,467
Minnesota	524,879	44,815	569,694	4.3	503,437	13.1	9,744,834	9,744,834
Montana	82,135	12,521	94,656	7.1	79,695	18.8	915,253	883,233
Nebraska	301,716	37,003	338,719	4.0	308,715	9.7	3,936,458	3,838,047
Nevada	18,069	3,100	21,169	4.0	18,118	16.8	209,197	198,613
New Hampshire	72,472	9,026	81,498	5.5	71,149	14.5	1,736,094	1,613,804
New Jersey	469,156	111,398	580,554	6.2	504,470	15.0	10,515,323	9,277,266
New Mexico	47,470	1,641	49,111	7.8	41,680	17.8	457,874	425,883
New York	1,346,665	278,918	1,625,583	6.8	1,412,879	15.0	25,506,245	25,117,521
North Dakota	133,791	11,181	144,972	4.4	117,346	23.5	1,083,573	933,573
Ohio	1,179,400	167,000	1,346,400	4.8	1,241,600	8.4	13,147,231	13,147,231
Oregon	199,517	17,036	216,553	4.0	192,615	12.4	5,370,202	5,170,202
Pennsylvania	1,149,074	181,359	1,330,433	7.1	1,228,845	8.3	21,926,972	18,952,448
Rhode Island	84,337	17,419	101,756	6.8	95,482	6.6	1,863,955	1,557,463
South Dakota	154,141	13,887	168,028	4.0	142,396	18.0	2,445,112	2,423,601
Utah	79,170	11,330	90,500	5.5	68,316	32.5	554,235	554,235
Vermont	64,566	5,010	69,576	5.0	61,179	13.7	1,497,146	1,415,109
Washington	281,452	46,990	328,442	4.6	295,443	11.1	4,980,026	4,739,967
Wisconsin	528,090	66,296	594,386	4.7	525,221	13.2	7,896,210	7,501,210
Wyoming	42,547	5,164	47,711	4.8	43,639	9.3	482,857	482,857
Total United States	17,512,638	2,441,709	19,954,347	5.8	17,593,677	13.4	\$260,619,621	\$245,227,072

motor cars and trucks. There were in addition 96,929 state and Federal Government owned vehicles not included in this figure. The increase in registrations during the year amounted to 2,360,670, or 13.4 per cent. The increase in the South was 18 per cent. Florida reported an increase of 46.8 per cent, while Utah, Mississippi, Alabama, Arkansas, North Dakota and Texas reported increases of more than 20 per cent. South Carolina, with an increase of 4.2 per cent; Rhode Island, 6.6 per cent, and Iowa, 7 per cent, were the lowest in the percentage of increase. Truck registration increased 14.5 per cent for the entire country.

New York leads in total registrations, with 1,625,583 motor vehicles, followed by California, Ohio, Pennsylvania and Illinois in the order named, all with registrations of over a million each. Nevada, with 21,169 motor vehicles; Delaware, 40,140, and Wyoming, 47,711, have the smallest registrations of all the states. Texas and Missouri lead the South in the number of automobiles registered, with South Carolina and Mississippi at the bottom of the list.

There is now one motor vehicle for each 5.8 persons in the United States. The South has one motor vehicle for each 7.6 persons. California has only 2.9 persons for each motor vehicle, Iowa has 3.6 and Nevada, with the smallest total registration, has one vehicle for each 4 persons. At the other end of the line is Alabama, with 12.8 persons per vehicle, but this state ranked among the highest in increase during the year.

The total revenue from registration fees, permits, etc., amounted to \$260,619,000, of which \$177,706,000 was available for state highways, \$19,124,000 for state road bonds and \$48,396,000 for local roads. These automobile fees do not include the collections from state gasoline taxes, which amounted in 1925 to more than \$61,000,000 in the Southern states alone, practically all of which was spent in highway work. The country's aggregate gasoline tax receipts amounted to \$146,028,000.

Of the total number of motor vehicles in the United States, the South has 5,153,140, or over 25 per cent. The number of motor vehicles in the South has more than doubled in the last five years. This section alone now has over twice as many vehicles as the whole country had in 1915. It has about 56 per cent of the country's registration reported in 1920 and double the number of motor vehicles in the world outside of the United States.

\$5,000,000 Development Project for Atlanta.

Atlanta, Ga.—Officials of the new Garden Hills Corporation have announced plans for a residential development on the Peachtree road, near Andrews drive, to involve an ultimate expenditure of \$5,000,000, of which \$1,000,000 will be expended this year. Work is in progress on a number of streets to connect the present Garden Hills with Piedmont road and in the creation of lakes, parks and other features. About five miles of streets and approximately ten miles of sidewalks and curbs will be laid in the property, including the present development in Garden Hills. In addition a clubhouse will be erected and small pools, bridle paths and dams constructed. P. C. McDuffie is president of the Gardens Hill Corporation.

Architect for \$1,000,000 Baltimore Art Museum.

Howard Sill of Baltimore has been selected by the Municipal Art Commission of Baltimore to prepare plans and specifications for the proposed \$1,000,000 art museum to be erected at Wyman Park, adjoining the grounds of Johns Hopkins University. The commission also selected John Russell Pope of New York as associate architect. Funds to finance the erection of the building have been provided by a municipal bond issue.

To Develop Texas' Fig Industry—\$150,000 Preserving Plant for Houston.

Houston, Texas.—After a careful study of the lack of market facilities for their product, fig growers of the Gulf coast section have evolved a plan by which it is thought that fig growing will soon become a potential factor in the industrial development of this territory. Representatives of growers have arranged details with the Best-Clymer Company of St. Louis, manufacturer of preserves and syrups, for the organization of the Best-Clymer Company of Texas, and for the establishment of a central manufacturing plant in Houston, with receiving plants in the Galveston, Beaumont and Collegeport areas. It is estimated that the construction of these facilities will involve an expenditure of \$150,000.

Details, as agreed upon, include the organization of the proposed company by local people, 60 per cent of the capital stock to be assigned to representatives of the Best-Clymer Company of Missouri, in consideration of which the company will operate and manage the plant, using its "Temtor Brand" for the products of the plant and facilitating their sale through its selling organization. The new company will contract with growers to take the output of their farms for a period of 10 years, the price to be fixed by agreement with the growers. In case a difference should arise between the company and growers as to price or grade, a board to be created for that purpose will arbitrate the difference.

Local fig growers will organize an association, through which the contracts referred to and the creation of the proposed arbitration board will be made. Details for its organization are being handled by Wolters, Blanchard, Woodul & Wolters of this city.

A general organization committee for the new company includes Mrs. Antoinette Voss, Houston, chairman; G. I. Huffman, Brazoria, secretary; John Sterling, Galveston; F. B. Martin and Ross Combest, Beaumont; A. D. Sims, Collegeport; A. H. Wadsworth, Wadsworth; J. W. Bethea, Edna; A. T. Vick, Robert C. Stuart, F. M. Lucore and T. L. Waugh, Houston.

Power Company Contracts for \$9,000,000 of Construction—Part of \$15,000,000 Program.

St. Petersburg, Fla.—According to a statement from the local office of the Pinellas County Power Co., contracts have been awarded for \$9,000,000 worth of construction as a part of a \$15,000,000 west Florida program for the expansion of electric light and power facilities and service. It is stated that 240 men are now engaged at the new Inglis plant site on the Withlacoochee River, where more than \$2,000,000 is being expended.

Mees & Mees of Charlotte, N. C., have been retained by the company to supervise all hydro-electric engineering, while Francis R. Weller, Washington, D. C., who has established offices at Ocala, Fla., will assist in the design and construction of the proposed facilities. Contracts have been awarded to the Hardaway Contracting Co. of Charlotte and to the Hoosier Engineering Co.

Bids for Interior Finish of \$2,250,000 Courthouse.

Miami, Fla.—Plans and specifications covering the interior finish, such as millwork, plastering, painting, partitions, floors, ornamental iron, tile, marble, and other features of the new \$2,500,000 Dade county courthouse and Miami city hall building have been completed, and estimates are expected to be received the latter part of May on the work. A. Ten Eyck Brown of Atlanta and Miami is the architect for the building and August Geiger of this city associate architect. The general contract is being handled by L. W. Hancock of Miami and Louisville, Ky.

The Revelations of Colonel House.

"The Intimate Papers of Colonel House." Edited by Charles Seymour. Two Volumes. Houghton-Mifflin Co., New York. \$10.

Reviewed by RICHARD WOODS EDMONDS.

In England, in our own House of Representatives and in the newspapers all over this country "The Intimate Papers of Colonel House" are being heatedly discussed. In London the editor of the *National Review* is reported to have sought an injunction against at least one of the letters. In Congress recently Representative Edgar Howard, Bryan's ex-aide, railed against the Colonel. His remarks, which were full of malice and sounded decidedly puerile, were greeted with shouts of applause, and "he was warmly congratulated when he took his seat." (Whereupon some punster remarks that we can hardly wonder some Congressmen are jealous when it takes 435 of them to make one House.) Newspapers find innumerable points for criticism and attack; few for approbation.

Nor is it surprising that the two large volumes of the Colonel's correspondence and diary should excite a storm of discussion. They shatter legends of famous men of the war period, reveal some of the shams adopted to hoodwink the public into accepting our so-called popular methods of election, withdraw the veil from many questions heretofore shrouded in mystery, and reveal vivid glimpses of the inside workings of national affairs and of the greatest cataclysm of history.

One such glimpse occurs early in the first volume, in the opening of the 1912 Presidential campaign for Wilson, and reveals the clever manner in which Bryan was manipulated. The Commoner was ridiculed by other leading men as a hopeless visionary, but for the sake of his influence with the rank and file of his party his endorsement of Wilson was deemed necessary. In House's own words, "It was understood that I should nurse Bryan and bring him around to our way of thinking" (about Wilson). "Thereafter House called Bryan's attention to all the Wilson characteristics likely to attract his approval." And his manner of doing it was adroit.

Much of the first volume is occupied with the organization and conduct of Wilson's first campaign and the first two years of his Administration. It was during this period that his notable contributions to domestic legislation were made. House had a hand in most things of importance. The magnitude and diversity of his labors is astonishing. Not only the President, but the members of the Cabinet frequently turned to him for advice in difficult tasks and for aid in unpleasant situations. Thus, President Wilson replied to a politician's question: "Mr. House is my second personality. He is my independent self. His thoughts and mine are one." And the two Texas members of the Cabinet (House himself being a Texan) write to House in a Cabinet crisis that if their resignations will lead to his acceptance of the Secretaryship of State they will gladly step out of the way. And from offering him the highest post in the Cabinet, they come down to asking him to do the dirty work of discharging an unsatisfactory appointee. Whatever is asked, except to take office, House seems ready and willing to do.

Many and varied have been the explanations offered for the Colonel's steadfast refusal to accept an office of any kind. The Colonel's explanation is that "I am not strong enough to tie myself down to a Cabinet department and, in addition, my general disinclination to hold office. I very much prefer to be a free lance, and to advise him regarding matters in general, and to have a roving commission to serve wherever

and whenever possible." And in later passages he elaborates on these points. His health had been wrecked when he was a boy by a fall on his head that produced brain fever and made him suffer unbearably from the heat, so that with the coming of spring he invariably migrated first to New England and later in the season to Europe. He felt that it would be impossible for him to work under any man any longer than their views agreed entirely, and that in a Cabinet position he would not last two weeks, whereas with a roving commission he could co-operate on those questions on which he and his chief agreed and ignore all others.

In current reviews much stress is being laid on the impression conveyed by parts of his diary that he was opinionated and egotistical, and that he itched to enjoy the power of shaping large events. Little attention seems to be given to the immense amount of labor he performed in keeping himself fitted to be an adviser and real help to the man who must make the decisions, or to his own expressed opinions of Wilson. His preparations for the pending financial legislation, which culminated in the Federal Reserve Act, illustrate the point. He studied the banking systems of the principal nations of the world in order to select therefrom their best features, to codify his researches, and be able to lay the whole before the busy President in the most compact form. He seems to have had a lively appreciation of the fact that the decisions the President was called upon to make required far more study than any one man could hope to make, and that he, as adviser, was duty bound to perform for Wilson as much as he could of the detail labor. In his relation with the Cabinet members, also, his desire to serve solely for the sake of service seems to deserve more recognition than it is receiving.

Many references in his letters and diary entries show ways in which he sought to save the President's time, not only in the latter's relations with House but in Wilson's relations with all with whom he had to deal. And numerous references testify to his high regard for Wilson as a man and an Executive. Certainly he was too dispassionate to think the President was perfect, and other references show he appreciated his chief's weak points, but the following illustrates his respect for him on the whole: "I spoke of the courage and character of the President. * * * I wanted official Germany to know that if any international complications arose between our two countries they would have to deal with a man of iron courage and inflexible will."

Egotistical he may have been. If so, he took strange ways of showing it. Fond of his power he undoubtedly was, but he seems always to have used it unselfishly, honorably and with the loftiest of motives.

That he always used it wisely, however, is a different question that is wide open to discussion. Fortunately for our estimate of Colonel House's views and services, we have a record of his ideas on government written out by his own hand. In that fantastic book, "Philip Dru: Administrator," which he now acknowledges as his own, he sets down his ideas of what a government for this country should be. As his letters and papers reveal him to be a politician and diplomat of high character, lofty and patriotic purpose and great ability, his "Philip Dru" brands him as unsound in some of his fundamental conceptions of government. The significance of these ideas of his is that many of them found their way into legislation during the Wilson Administration; so

many, in fact, that it was repeatedly said at the time that the Administration comes to "Philip Dru" in the end.

The Colonel would abolish the present Constitution entirely, and substitute therefor an entirely different one, in which the individuality of the states should be completely submerged in a powerful, highly-centralized government designed to perform all the functions which we now consider matters of local concern, and which, having been set up and put into operation, should then be reduced to a 'scrap of paper' by the provision that the Supreme Court be shorn of its power to detect and point out irreconcilable conflicts between the Constitution and more recent legislation. The Colonel is on record as being opposed to complete socialism, because without the profit motive to stimulate the endeavors of men we should never get the best out of anybody; but some of his ideas are thoroughly socialistic, even communistic. For instance, it is a cardinal principle of socialism and communism alike that every man must contribute to the support of the State all that he is able to contribute, and shall have the privilege of receiving from the State all that he needs, but no more. This is the principle on which the family is run, but tried on larger scales it has not been so successful, and it applies to the family only so long as the children are under age. Yet House proposed in "Philip Dru" that we should have the graduated income tax, which is largely a measure designed to redistribute wealth. Such a system has no logical stopping point short of saying that all income above a certain amount must be surrendered to the State.

The Colonel records in his diary that when the principal domestic measures were disposed of he urged the President to adopt "a constructive international policy. * * * I thought the time had arrived to show the world that friendship, justice and kindness were more potent than the mailed fist." To which he adds:

"He listened attentively * * * and asserted that he would do it."

This is a fair example of the feature of the book that makes Wilson's admirers foam at the mouth. By the very nature of the book—a diary and letters—only those activities of Wilson in which House had a hand could possibly come in for treatment. Those in which House took the initiative would inevitably loom large in the Colonel's mind and be more fully recorded if only because they were the ones in which he was most deeply interested. And they were the ones which the President would set the Colonel to work. This much is true whether House consciously or unconsciously exaggerated the part he played in shaping the President's course. And it appears obvious that much of the vicious criticism being leveled at the quiet little chap from Texas seems uncalled for. Some of the space used for exhortation might more justly be devoted to recognition of the real services rendered. That House held, and doubtless still holds, certain dangerous views is true. Some of them have been mentioned. That some of his diary entries have an unpleasantly egotistical flavor is equally true. Yet, in justice, these things should not be the sole subject of comment. Some of the remarks that have been credited to Congress would be unworthy of a meeting of a garbage men's union.

Viscount Grey of Fallodon, intimately associated with House in his efforts for international peace, said "House longed to get good accomplished and was content that others should get the credit." George Sylvester Viereck, who interviewed the ex-Kaiser of Germany at Doorn, quotes him as saying "The visit of Colonel House to Berlin and London in 1914 almost prevented the World War." It was to prevent all war that House visited Berlin and London. His visit brought the leaders of England and Germany to hope, possibly almost to believe, that by dropping their traditional

methods of diplomacy in favor of his method of frank, informal discussion they might find a way to avoid future wars. The English leaders were enthusiastically behind him, and House describes the Kaiser as interested, sympathetic and hopeful, if not exactly enthusiastic. The German military clique was openly hostile. And it was the military clique which, according to House, dominated Germany. That House failed in his immense, humanitarian effort was due to the racial antipathies, military machines, war-like traditions and immense and irrevocable commitments the nations of Europe had spun, web-like, about themselves. He started too late, but under the circumstances could scarcely have started earlier. That he so nearly succeeded is everlastingly to his credit.

But House did not stop with his first failure. A second effort was ruined by the sinking of the *Lusitania*. A third was blocked by Wilson's suggestion that the Allies refrain from arming merchantmen. The fourth, made during the Peace Conference to secure what he considered just peace terms, was frustrated by his own illness.

The President did not always accept House's views. The Colonel considered himself a pacifist, but in the sense that all wars should be avoided by arbitration, and that the only road to disarmament was through mutual agreement among all nations and simultaneous steps in disarming. During the early part of the European War he feared we might be drawn into it, and urged upon the President the necessity for preparedness. And in spite of his persistent efforts, first to maintain world peace and later to restore it, he was not a "peace-at-any-price" advocate, but revealed in his letters a realization that under certain conceivable circumstances the only thing for us would be to fight. Thus, under date of July 10, 1915, nearly two years before our entry into the war, he wrote Wilson his views on the submarine situation:

"The Government of the United States is unwilling to consent to any suggestion looking to the abridgment of the rights of American citizens upon the high seas. If this Government were willing to bargain with the German Government for less than our inalienable rights, then any belligerent nation might transgress the rights of our citizens in other directions and would confidently count upon our trafficking with them for concessions."

It is interesting to compare this with a letter written by Wilson in the following February. Germany had demanded that American citizens remain off neutral vessels bound to the war zone. A considerable portion of Congress stuck their tails between their legs and demanded that we accede to Germany's terms, threatening to pass a resolution over the President's head if he declined to do likewise. Wilson refused to be cowed, and wrote a letter in which the following paragraph occurred:

"For my own part I cannot consent to any abridgment of the rights of American citizens in any respect. The honor and self-respect of the nation is involved. We covet peace, and shall preserve it at any cost but the loss of honor. * * * Once accept a single abatement of right, and many other humiliations would certainly follow, and the whole fine fabric of international law might crumble under our hands piece by piece. What we are contending for in this matter is of the very essence of the things that have made America a sovereign nation. She cannot yield them without conceding her own impotency as a nation and making virtual surrender of her independent position among the nations of the world. * * *

To conclude that House was responsible for Wilson's strong stand would be unwarranted. The press of tremendous cares and responsibilities had probably crowded House's letter from his mind long before. The similarity of the two letters is explicable in part by the fact that the logic of their position was inescapable, the same things were being said by others, and it would be difficult to express the same line of argument in more dissimilar terms. The significance of the similarity probably lies more in the similarity of views and

the sympathy between the two men that was the foundation for their intimate and affectionate friendship.

The book closes before the break between the two men occurred, thus leaving the reasons for the estrangement still

a mystery. Its one great lack is the absence of letters from Wilson to House. Here there is a great void that is a constant disappointment to the reader. Even so, the interest never flags, and the historical value of the collection is great.

A Self-Revelation By Colonel House.

SECRET DIPLOMACY SECRETLY ARRIVED AT SHOULD STARTLE ALL AMERICANS.

By COURTENAY DE KALB.

Col. Edward M. House, the noted Texan, voluntarily has come to the bar of public opinion. His "Intimate Papers" constitute an astonishing exposition of the crooked inner workings of politics, perhaps without a parallel since the revelation of the manner of conducting public affairs by that founder of the modern school of scientific politics, Niccolò Machiavelli. The ends aimed at and the underlying principles remain unchanged; the difference is in the modern dress of the characters and the pretense of achieving popular government. In the time of the famous Italian the public was probably under less illusion than today.

Here is a story, frankly one-sided, of the rise of President Wilson. Any further resemblance to the "Dutch Republic" is left to the reader's imagination. House stops the narrative at the point where Wilson had thrown down the gauntlet to the Central Powers. This is high art. It shows Colonel House possessed of another quality than that which appears on the face of his confessions. He is fundamentally a dramatist. He cares more for the dramatic effect than for the actual political performance. Again and again his motives seem to be more the product of a dramatist's vision of an interesting situation than of mere political judgment. He risked himself and Wilson at a critical moment by publishing "Philip Dru," the authorship of which he admits in these papers, and which was easily fixed upon him at the time. In that story he gives the answer to his suggestion in this book that he possessed a greater ambition than could be satisfied by the mere holding of public office.

The most striking instance of his dramatic feeling, and of his determination to carry through at all hazards the scene he had conceived, is found in his insistence in October, 1916, that if Wilson should fail of re-election he should promptly appoint Hughes Secretary of State and then immediately resign, thus automatically putting Hughes in the Presidency.

There is nothing to be said in favor of such a procedure. It would have been exactly the same kind of hocus-pocus that had been adopted by Gen. Victoriano de la Huerta in securing barely legal succession to Madero, the validity of which Wilson had vigorously denied. It entirely disregards the fact that when the American people elect a man to the Presidency they expect him to remain President until his term ceases. They do not anticipate that he shall either fail to represent the people by inaction, or try to modify his Administration in deference to the supposed policy of his successor. Taft undertook to follow the policy of inaction in regard to Mexican affairs because Wilson soon would take his seat; the result was to cripple us and to weaken our prestige at a moment when a stalwart American policy would have assured respect for the rights of our people.

The solution of such a dilemma proposed by House would have carried with it the creation of a dangerous precedent, weakening the authority of future Presidents, but it appears that it was not the creation of a situation to meet an emergency that House really had in mind, but a thrilling dramatic touch that would make men's blood leap in their veins. This shows in the circumstance that he did not merely venture the indiscretion, before election, of writing the suggestion to President Wilson, but, after having written it, he communi-

cated the idea to Assistant Secretary Polk, and then to others. In short, he was undertaking to create an atmosphere to force Wilson's hands—risking the leakage of the suggestion, which would have had disastrous consequences in the forthcoming election, so far as Wilson was concerned.

In his earlier days Colonel House had practiced the art of political wire-puller behind the scenes in Texas. He has been credited with being the alter ego of Governor Culberson, and with having had great influence in directing the policies of two other Texan Governors. He then set out to capture bigger game. He cultivated the acquaintance of several men suspected of having Presidential possibilities, only to abandon them after shrewdly taking their measure. He was a good judge of the qualities in a man who could win public confidence. He sought and studied Wilson, and concluded that he was big enough to be groomed for the Presidency.

In a letter to Mr. Mezes he clearly revealed his mental attitude toward Wilson by saying that he "would rather play with him" than any other man he knew who possessed possibilities of becoming President. Henceforth it may be appropriate for the people to ask: "Who is 'playing' with the candidate of the hour?" The American people want men who can stand on their own feet, and do not seek to elect unknown wire-pullers. These papers represent Wilson as practically following the guidance of House in nearly every detail of his political activities; we have the President's own word for it at one time; but, there came a day when Wilson cast off his moderator and followed his own judgment. That, politically, he went to defeat during that period, which is evidently what we are desired to comprehend, only makes that period of Wilson's life the more interesting and the more worthy of careful study. It is not for his successes alone that a man of power earns the respect of history.

The methods of House, which are characteristic of all who undertake to play a like rôle in politics, stand out conspicuously in his management of the earlier grooming of Wilson for the Presidency by Colonel Harvey. Even House admits that Wilson was not his independent discovery. For some years, in a straightforward and not very effective manner, Colonel Harvey had been insisting on Wilson for the high office. It is an accepted axiom that a man cannot have two masters. If House was to be master, what to do about Colonel Harvey? He lunches with Harvey; then immediately violates the ancient Arabic ethics of hospitality and writes casting doubt upon the intentions of his guest; he wrote this to Bryan, who was no friend of Harvey, trusting that the implication would grow and bear fruit; then he advises Wilson to suggest to Harvey to be less enthusiastic in his support. The result was a bluff letter from Wilson to Harvey that effectively destroyed that friendship; the way now was open for House to "play" with Wilson.

The "Intimate Papers" constitute one of the most informative contributions to post-war literature. So far as they lay bare the inner workings of domestic politics, they cast a sad reflection on what the public means by "democratic government." It reveals at every step how the politicians regard the public as the necessary dupe in order to carry into effect what the public might disapprove. The old classification into

sheep and goats becomes confirmed; the politicians deem themselves the sheep; the people are the goats. We here see, not how it is done, which savors of theory, but how it *was* done, which is history.

Aside from this unsavory revelation, there is a vast deal of interesting information on the attitude of public men in Europe during one of the most thrilling epochs ever known. The utter frankness of many of the reports of conversations with men still active in world affairs would raise a question as to the political wisdom of the man, and would seem to be explicable solely on the ground of House's evident overweening joy in a dramatic situation. It is certain that in future public men will be reticent in his presence. It is quite certain that a time came in Wilson's career when he had nothing more to say to this diligent keeper of a diary. It was the end of House as a "player" in the world drama.

The revelations would serve adequately to discharge personal pique. They present Wilson in a rôle that detracts from the position that any great public man would choose to occupy in the eyes of the world. It is in the nature of pulling down an idol. In the same act the one who pulls him down becomes crushed also. No amount of flowery phrase of commendation of the War President, which abounds in the book, can obscure this vision of the effect of an untimely and injudicious exposition of things that need not have been told. On closing the volume one can but feel, "How the mighty have fallen!"

One then wonders how far revenge may have been the purpose of the book.

Louisiana Colonization Project.

New Orleans, La., March 27—[Special.]—Colonization on a broad scale, with emphasis upon vegetables and truck, is being begun in the heart of the LaFourche sugar section. This announcement is made by John F. Hansen, general manager of the Spanish Trail Development Co., which has acquired 3300 acres of land in LaFourche parish between the stations of Des Allemands and Raceland. The company is capitalized at \$500,000, principally with New York money. Some of this land is the old Wisner reclamation project.

The Spanish Trail Development Co. has a 100-acre demonstration farm in operation; vegetables, corn and cotton are planted. The land will be divided into 40 and 80 acre farms, with smaller tracts for truck farmers. Mr. Hansen states that a selling organization is being developed, with agents in the principal consuming centers of the United States, so that crops can be marketed rapidly and to the best advantage. He has been active in farm-colonization work for many years, and is now endeavoring to interest farmers of North Carolina, Illinois and Missouri in these Louisiana lands, which are located on the Southern Pacific main line.

Quicksilver Situation in 1925.

Quicksilver production of the United States in 1925 amounted to 9174 flasks of 75 pounds each, according to preliminary figures compiled by the Bureau of Mines. The country's output of quicksilver in 1924 was 10,085 flasks. The 1925 production was made up by seven mines in California and six in Texas, Nevada, Arizona and Idaho. The imports of quicksilver in 1925 amounted to 11,245 flasks from Italy and 9754 flasks from Spain, and from the balance of the world 1782 flasks, making a total of 22,781 flasks. The exports were 204 flasks. In 1924 the imports were 13,170 flasks and exports 208 flasks. Prior to 1911 exports exceeded imports of quicksilver, but during the period 1911 to 1925 imports have gradually increased, showing the growing dependency of the domestic consumers of quicksilver upon foreign sources.

West Virginia Clay Deposit May Be Made Aluminum Supply Source.

Charleston, W. Va., April 3—[Special.]—Virtually discovered by Charles E. Krebs, geologist and mining engineer of Charleston, who has been aware of its possibilities for a number of years, an irregular deposit of clay in the lower part of Kanawha county and extending through Putnam and into Mason county, with a width of from two to seven miles, bids fair to become a source of aluminum supply. This clay is said to contain from 30 to 32 per cent aluminum in its composition.

For some time engineers and electrical experts have labored to work out a practical process for the extraction of the aluminum from this particular clay, and such a process is said now to have been perfected. Plans of capitalists back of this scheme are said to have reached the point where financing a plant to be located at Nitro are well under way.

If these preliminary plans are perfected, and there is said to be every indication that they will be, a large plant will be built at Nitro, which, it may be recalled, was set apart by the Government during the war for the purpose of manufacturing explosives. The clay would be mined from the deposit, conveyed to the plant, ground into a powder and the aluminum extracted largely through the use of electricity. It is understood that about \$350,000 has been expended in perfecting the process for the extraction of the aluminum and in protecting the process from infringement.

The clay found in the deposit differs from the ordinary clay found along the river's edge, in that it is not as soft. It is more of a shale clay and very much resembles a form of stone. This clay is very light, owing to the high percentage of aluminum. Where the clay crops out on hillsides it can be reached with steam shovels, and that is the method proposed to dig the clay until such a time as it become necessary to adopt the more expensive process of mining the clay just as coal would be mined. The vein of clay is described as being from six to eight feet thick.

Conditions for manufacturing the aluminum are said to be ideal. Climatic working conditions are unusually good, the nights being cool throughout the warmest summer months. Shipping facilities and rates are advantageous, ample power and electricity are available, and either coal or any other kind of fuel is plentiful.

All of the clays and shales in the same section are fairly high in aluminum content, ranging from 18 per cent to 25 and 30 per cent.

The ceramic resources of the state are such that West Virginia has long ranked as an important pottery-producing state, most of the potteries being in northern West Virginia, and particularly in the northern panhandle. A beautiful white clay is to be found in Randolph county under the city of Elkins, and in other sections of the country. This clay has never been developed, however, although of late tests have been made of it to determine for just what purpose it might be used.

Two New Steamers Launched.

The first of two new freight and passenger steamers being built at Wilmington, Del., for the Baltimore and Philadelphia Steamboat Co., operator of the Ericsson Line, Baltimore, has recently been launched. The vessel, to be called the John Cadwalader, is 230 feet long, 45 feet beam, 16 feet depth of hold, with a draft of 11 feet. It will be driven by triple-expansion, four-crank, direct-acting surface-condensing engines, equipped for burning fuel oil, and will have a speed of about 15 knots. Sleeping accommodations will be provided for 200 passengers, while 1500 day passengers may be accommodated.

Boomerang Knocking, or Pulling Together—Which Will It Be?

By R. H. REECE, Manager, South Mississippi Headquarters, Mississippi State Board of Development.

The development of Mississippi is a business. How many look at it that way? How many realize that each of us who has interest in Mississippi and who will profit by development is a shareholder in this vast enterprise of "selling Mississippi to the world"? We are not only shareholders, but we are salesmen as well. It is our duty to "sell Mississippi to the world." This is a business in which the salesmen hold shares in the business. We are not the only organization of citizens trying to sell natural resources. It is not a new enterprise. Man has always migrated in effort to find a land of more promise in which to prosper.

In the early days of our Republic the pioneers set out in search of prosperity and ventured into the Louisiana Territory acquired by the United States from France during Jefferson's Administration. They sent news to their old neighbors back home and "sold" many of them on the new country. Those "sold" migrated to the new country and the area covered by our Central states became populated. The gold rush of '49 was started by the pioneers who discovered the rich metal. They advertised the fact that prosperity awaited those who would venture. A mad rush began. Men will still venture in hope of prosperity. Time has not changed them a great deal along that line. Not long ago California "sold itself to the world," and the cut-over states of Michigan and Wisconsin had to tell the outside world of their possibilities as fruit and dairy states before they prospered.

Recently Florida has attracted the eyes of the world. All of the Southern states are in the same business today. Each is trying to attract people and capital. In fact, every wide-awake community of the world is selling itself. Switzerland sells the idea of its winter sports to the tourists of the world; France sells the idea of its fine resorts. So we are all connected with some community development if we are assets to our community and state.

The South is coming into its own. Each Southern state is a separate organization selling its resources. Yet we are collectively selling a single article to the world, and that is the South.

We have associations of brick manufacturers, cement manufacturers and lumber associations, composed of various manufacturers of these products who are organized to sell the general product of each association to the consumer. The brick association, for instance, is in business to sell the idea of using brick in place of cement, lumber or metal. The cement association advertises concrete. The lumber association advertises its products. If the brick people encourage the use of brick, all brick manufacturers will prosper. You never hear of brick salesmen knocking brick, a concrete salesman knocking concrete, or a paint salesman knocking paint. We and our brother salesmen of the resources of the South should never knock any resource of the South.

Almost every day we can see articles knocking Florida. Do you realize what damage this "boomerang knocking" does us? Knock any brick, and all brick manufacturers suffer any damage done. Knock any part of the South, and the whole South suffers. We depend to a great extent on outside capital, industry and people to develop our resources. If we encourage the knocking of Florida, or any other section of the South, we are a party to the deed of causing these very people on whom we depend for assistance to lose faith in the stability of progress and prosperity of the

South. Knocking causes the sound developments of Florida and the entire South to suffer as much or more than the inflated values.

Mississippi will soon be teeming with activities. Our situation will be similar to that of Florida today. We will have our sound, conservative developments; we will not be able to control values and some will become inflated; the shady developments will crop out. When people lose money on fake schemes beyond our control, do you want your sister states to decry Mississippi to the world? No. It would not be fair, for Mississippi has many sound possibilities upon which to build a greater Mississippi.

Many have lost, and many others will lose, money on the overinflation of townsites in Florida. However, many poor people have become rich in this rapid exchange of money and land. Chicago had a "boom" during its World Fair. Prices went out of reason, but Chicago didn't suffer. Unwise investors paid inflated values for certain property there; they lost, but substantial Chicago continued its march to a greater Chicago. The inflated values in Florida will settle to normal in time to come, but the substantial, conservative developments based on sound agricultural production and the playgrounds will continue to carry on. It is absurd to let anyone paint a picture on your mind showing a barren Florida, with few inhabitants other than alligators and a few scattered villages and towns of abandoned, tumbled-down houses. Admitting that there are inflated values, still there are sound developments going on, and this fact gives the fake operator the chance to carry on his business and reap large fortunes from the fortune-seeking, gambling public. Time will act as a strainer for Florida projects. The unstable development projects will fall through; the inflated values will decline to normal, real values, and the sound developments will remain as a stable framework of Florida's conservative advancement, the foundation of Florida's prosperity. However, this is a critical time. Completely destroy confidence in Florida and you will wreck the attraction which is causing thousands to pass through Mississippi. Florida means much to us. It is attracting people and capital to the South. Why help destroy confidence in Southern progress? Quit knocking—it's a boomerang.

A Hustling Community.

The Hoey Real Estate Company, Shelby, N. C., is evidently very greatly impressed with the advantages and growth of their town. With much enthusiasm that company writes to the MANUFACTURERS RECORD in a spirit of optimism which, when justified, would be sufficient to stir the community life of most any community. We hope that Shelby will justify all that the Hoey Company has said of it and that a thousand other towns in the South will acknowledge the same kind of inspiration. The Hoey letter is as follows:

"Shelby is the most active center of western Carolina's resort and real estate 'boom.' Numerous real estate firms have been chartered here and dozens of developments are being opened. Termed as the center of a boom area excelling Florida, Associated Press figures from Washington this week stated that Shelby was the South's third fastest growing town between 1920 and 1926, and the fastest growing town or city in North Carolina. Population increase in five years, 145.3 per cent; freight receipts doubled; realty activity quadrupled. Exceptional field for working by advertisers of MANUFACTURERS RECORD."

Arkansas Farmers Learning to "Live at Home."

HOW THE AGRICULTURAL EXTENSION SERVICE OF THE STATE IS HELPING IN THE PROBLEM OF MAKING EACH FARM A SELF-SUSTAINING UNIT.

By GUS M. OEHM, Fayetteville, Ark.

[A campaign in behalf of the Live-at-Home policy by Arkansas farmers, as outlined in the following article by Gus M. Oehm, the agricultural editor of the co-operative extension work of the state, is an extremely interesting review of the farm situation. It is well worth the study of business leaders and farmers in every state in the South.

The farmer who wins one of the Certificates of Honor, based on carrying out the requirements, has laid for himself and his family a foundation stone, and if he continues from year to year to lay other foundation stones of the same kind he will build for himself a real home and real financial success. The movement thus outlined, and the way it worked out during the past year, gives encouragement for a continued diversification of Southern farming on a safe basis, and, more than that, for better home conditions, more comfortable and pleasant surroundings for the women and the children of the family, and thus for the building of a higher citizenship.—Editor Manufacturers Record.]

Agricultural leaders in Arkansas have launched a determined campaign to institute a system of farming in the state that will enable farm families to live at home.

This is something more than a mere temporary cotton-acreage reduction campaign; something more than a mere food and feed campaign as such. It is a well-balanced effort to influence permanently the attitude of the people of the state toward the problem of so arranging their program of farming as to obtain the greatest financial and spiritual benefits from their efforts.

Every one of the more than 100 county agricultural and home demonstration agents in the state is signing up farm families in this effort. The signatory agrees to complete at least eight of twelve specified types of agricultural and farm home activity during the year. If the county extension workers, after checking up on the report made by each farmer or farm family, finds that the necessary requirements have been fulfilled, a certificate of honor, signed by Dean Dan T. Gray of the College of Agriculture, University of Arkansas, and Governor Tom J. Terrill, is presented on behalf of the Agricultural Extension Service of the state.

This certificate, suitable for framing, outlines the program which the farm family has completed. It requires the honoree to submit records showing that he has completed eight or more of the pledges as given in the accompanying reproduction of the certificate. Hundreds of these certificates have already been presented to farmers and farm women for successful completion of pledges made in 1924 and 1925.

The Live-at-Home campaign, of course, is only a small part of the farm and farm home program of the state. Agricultural workers of the University of Arkansas spent several months formulating such a state-wide program to cover at least five years. This program is being submitted to the people. Committees were appointed to study the various phases of the activities of the state with the view to making recommendations as to practices and policies which should be recommended. The members of these committees consulted freely with the farmers, farmers' wives, bankers and business men of the state before submitting recommendations. The recommendations were then printed as Extension Circular 203, and submitted to the people for their consideration and constructive criticism.

In presenting the program to the people, it was pointed out that it was submitted for suggestions and criticisms. A state-wide conference is to be called, and the program submitted for adoption after a full discussion by all who care to take part in the deliberations.

In the general introduction this program has this to say in connection with feed and food:

"A distinction must be made between raising feed crops for the market and raising them for home consumption. In the first case the farmer gets only the wholesale price, but in the latter he gets the retail price. One can sell corn and hay

to his own work stock and other stock when, perhaps, it would not be profitable to sell these crops in the open market. The same distinction should also be made between food products raised for consumption by the family and food products raised for sale. Hay is particularly easy to raise and there are varieties for all soils. If a hay crop is selected to be harvested after corn is laid by, and possibly after cotton is laid by, it would be easy to save several hundred dollars' worth of hay on each farm on time that would not otherwise be utilized. Pasture, too, should be considered a feed crop and improved pasture should be established."

This is typical of the discussions on various phases of the program. All fit admirably into a campaign for cotton-acreage reduction, but in a positive rather than a negative way. The program is not a program for the College of Agriculture only. It appeals to the railroad man, the banker, the farmer, the teacher, the uplift enthusiast, the business man—in fact, to everyone interested in bettering farm conditions. It is a program built for unified effort. It serves as the basis for the activities of the College of Agriculture, and is being adopted by other groups as it is brought to their attention. When all groups finally adopt it, Arkansas will be working as one unit toward the same goal in agricultural development.

The program is divided into 21 sections as follows: General economics, general agronomic production, horticulture, plant diseases, insect pest control and crop protection, general livestock production, dairy production and manufacturing, poultry, animal diseases, tick eradication, marketing of farm products, buildings, farm and home equipment, drainage and terracing, better homes, rural health and sanitation, care of the child, foods and nutrition, textiles, clothing and homecraft, community organization, rural recreation and entertainment, extension of information influencing state-wide agriculture and home economics, research problems affecting state-wide development in agriculture and home economics.

The matter of Arkansas' future program of cotton production—a subject of especial interest this year—was considered of such importance, although the paragraph was written more than a year ago, that a definite stand was taken by the committee and adopted by the group as a whole. This stand was not brought to life merely by low-priced cotton. It was written when cotton was unusually high. It says:

"After considering the money value of Arkansas crops, their adaptation and combinations, the nature of our soils and climate and the nature of the crops grown, no radical change in our system of farming with respect to cotton production is probable. We should maintain the production and quality that economic conditions dictate. The per acre production must be increased in order to reduce production cost. Enough feed and food crops, such as corn, oats, hay and forage, should be raised to supply all local consumption. Vegetables, fruits and animal products should be raised for the family. Evenly balanced rotations with two, three or four other crops occupying equivalent areas as

A Reproduction on a Smaller Scale of the Certificate of Honor Issued to Duly Accredited Farmers by the Agricultural Extension Service of the State of Arkansas.

State of Arkansas

Certificate of Honor Farmers

This official Certificate of Honor is awarded to

*in recognition of the farm family so represented having successfully completed _____
of the twelve following prescribed lines of progressive endeavor in the*

Arkansas Live-at-Home Program

1. *To raise ENOUGH CORN AND HAY to carry us through next year.*
2. *To raise ENOUGH MEAT TO SUPPLY OUR FAMILY THIS YEAR.*
3. *To have a 12-MONTHS IN THE YEAR GARDEN and have a CANNING BUDGET.*
4. *To PROVIDE MILK AND BUTTER for our family the whole year through.*
5. *To KEEP AN AVERAGE OF AT LEAST 30 hens on our farm the year through.*
6. *To MAKE HOME CONDITIONS BETTER by taking proper care of our orchard and small fruits, or by starting a home orchard.*
7. *To WORK FOR RICHER LANDS by planting velvet beans, soy beans, or cowpeas in at least half the corn; and clover, lespedeza, vetch or some small grain for winter cover and grazing crops where practical to do so.*
8. *To TERRACE OR DRAIN OUR LAND where needed.*
9. *To enroll one or more of our children in CLUB WORK—pig club, corn club, poultry club, home demonstration clubs, etc.*
10. *To ADD SOME HOME CONVENIENCE such as running water, electric lights, washing machine, oil stove, pressure cooker or other things that will lessen the burden of housekeeping.*
11. *To BEAUTIFY OUR HOMESTEAD by painting the house or making base-plantings of shrubs about the house to furnish a proper setting and to plant flowering trees, such as Crepe Myrtle, Mimosa, Magnolia, Dogwood, Judas Tree, or planting a lawn, etc.*
12. *To KEEP A CLOTHING BUDGET and study textiles and clothing problems in order to buy wisely and within the income.*

In recognition of the service thus rendered the Community and the Commonwealth, this Certificate of Honor is gratefully issued and signed on behalf of the State, this _____ day of _____ 192_____

Dean College of Agriculture, University of Arkansas.

Governor of Arkansas.

cotton are unlikely for years to come, but the land in feed and food crops should be placed to best advantage in carrying out some practical rotation plan. All practical measures for soil conservation should be put into operation. Fertilization and the best methods of cultivation should be followed."

It is easy to see that Arkansas agricultural leaders do not believe that the farmers of the state will reduce their cotton

acreage merely because some one tells them to do so. It is further evident that if Arkansas farmers and business men desire to reduce their cotton acreage, they have only to adopt the program of the College of Agriculture. Not only will it help reduce the acreage, but it will teach them the advantages of "living at home."

Automobile Influences Retail Locations.

The acute traffic congestion which the constantly increasing number of automobiles is causing in the retail districts of our large cities is automatically bringing about a process which may help to alleviate the situation, according to a bulletin issued by the Commerce Department based upon the opinions of merchants who submitted their views on the subject.

This process is decentralization—that is, the establishment of shops of various kinds outside the congested areas. Merchants are more and more recognizing this tendency of shoppers to do their buying away from the districts where there is traffic congestion. In one large city two important department stores have already bought sites in a residential center for the location of branch stores. As parking facilities in these areas are usually ample, it is logical to assume, the merchants believe, that people who have cars will prefer to do their shopping there, free from inconvenience and anxiety, to say nothing of the saving of time.

The canvass of retail merchants discloses that some merchants provide parking space for their customers, either in some vacant lot or in their own garages; other stores run buses to points outside the congested districts where the customer parks his car, being transported back and forth from the store.

\$1,200,000 Addition for Walter Reed Hospital.

Discussing proposed improvements at the Walter Reed General Hospital, Washington, D. C., Lieut.-Col. K. J. Hampton of the Quartermaster General's office, War Department, advises the MANUFACTURERS RECORD that his office will receive proposals until April 21 for the construction of a mess and kitchen addition to the main hospital building and three ward buildings with connecting corridors. At the same time proposals will be received for a building to take the place of the present temporary Red Cross building, funds for this having been provided for the American Red Cross. It is thought that building operations will be started immediately after contracts have been awarded and that construction will have been completed within a year. About 300 additional beds will be provided, the proposed construction making it possible to tear down temporary buildings erected during the World War emergency and containing an equivalent number of beds. The proposed improvements will cost from \$1,000,000 to \$1,200,000.

The Wagner-Grant-Bell Realty Co., St. Louis, has purchased a site in De Mun Park, 100 by 175 feet, on which it is stated a \$250,000 apartment building will be erected to contain 16 apartments, four stores and garage to accommodate 75 automobiles.

Government May Prospect for Potash.

Jackson, Miss., April 3.

Editor Manufacturers Record:

A committee headed by Senator Morris Sheppard of Texas, and including Judge H. A. Wheaman, member of the board of advisors of the Inland Waterways Corporation; L. J. Folse, general manager of the Mississippi Board of Development; J. F. Callbreath, secretary, and Dr. Henry Mace Payne, consulting engineer to the American Mining Congress of Washington, recently waited upon President Coolidge and later had an audience with General Lord, director of the budget, in the interest of Senator Sheppard's bill providing for further prospecting of potash deposits in Texas.

The committee maintained that the country's present supply of potash is received through one joint selling agency in New York, which represents both French and German sources of supply. Annual depletion of potash in American farming districts is many times greater than its replenishment, and, aside from any patriotic duty as to a source of potash in time of war, the committee felt that it was the duty of the Government to determine the quality and extent of Texas deposits as a means of holding down the price of imported potash and presenting the greatest assistance to the farmers. It was pointed out that the drilling, which up to this time has been done by oil prospectors, was of rotary type, which only indicated a presence, but not the extent, of potash deposits, and that systematic core drilling was essential.

The President and General Lord gave a very cordial hearing. Secretary Hoover is in favor of the bill.

If friends of the farmers do not seize this opportunity to help the farmers, every statement they make hereafter in behalf of poor farmers ought to be taken with a large grain of salt.

We thank you for your editorial and article on this subject.

L. J. FOLSE.

Six Water Storage Dams Proposed—Power Company Would Develop 122,000 Horsepower.

Austin, Texas, April 3—[Special]—Construction of six reinforced concrete water-storage dams across Colorado River and the development of 122,700 horsepower by means of hydro-electric plants are proposed in an application for the appropriation of a total of 7,707,470 acre-feet of water per annum which has been filed by the Syndicate Power Co. of Dallas with the State Board of Water Engineers. Public hearing on the application will be held May 1. The impounded water will also be used for irrigating more than 100,000 acres of land. C. H. Alexander, Jr., of Dallas is president of the Syndicate Power Co.

The first of the series of dams would be located two and one-half miles southeast of Kingsland, and would be 40 feet high, 1200 feet long and back water about fifty miles. Three years from date of permit are wanted for its construction. Another dam would be located 18 miles west of Lampasas, and would be 137 feet high, 690 feet long and back water about the same distance, five years being required for construction. The next dam would be six miles northeast of Kingsland, 165 feet high, 2500 feet long and would back water 34 miles, three years being required for its construction, while the fourth dam would be 14 miles above Austin, 75 feet high, 1102 feet long, back water five miles and require five years for construction. A fifth dam is contemplated about 15 miles northwest of Austin, 125 feet high, 3200 feet long, to back water 38 miles and require five years to build, and the sixth dam would be southeast of Marble Falls, 70 feet high, 740 feet long, to back water three and three-fourths miles and require three years to build.

Important Potash Finds in New Mexico and Texas.

The discovery of what promises to be a thick bed, or group of beds, of potash salts in Eddy county, New Mexico, is announced by the Department of the Interior through the Geological Survey. The region described adjoins and is, in fact, part of the great potash field of western Texas, in which many discoveries of potash have already been made. In western Texas, as a result of the discovery of commercial pools of oil, there has been increased drilling activity, especially in the southern part, where over 50 strings of tools are now at work. Information on potash has come in larger measure from Reagan, Upton and Crane counties, but wells in other counties south of the 32d parallel and east of Pecos River are also showing favorable percentages of potash.

New Mexico meridianetaoinshrdluetaioncmfwypetaoinshrdlu

The Texas discoveries were made in connection with seven wells, five in southwestern Reagan county, one in Upton county and one in Loving county.

Of the 170 samples analyzed from these wells, 89 have shown 1.5 per cent or more of potash. Of these 89 samples, 21 have yielded more than 5 per cent and 3 more than 10 per cent. The richest sample, containing 11.25 per cent, came from a depth of 1255 feet in the Texon No. 3 well. Another rich sample, containing 10.22 per cent, came from the interval between 1450 and 1460 feet in the same well. A third rich sample, containing 10.42 per cent, came from an interval between 1355 and 2405 feet in the Virginia-Texas University No. 1 well.

An interesting feature of these wells is that each of them has furnished suites of samples containing unusual amounts of potash. Thus, in the Texon No. 2 well practically the entire series of 15 samples contained noteworthy amounts of potash, although the highest sample yielded only 5.4 per cent. In the Texon No. 3 well the interval between 1125 and 1330 feet furnished 12 samples, of which only two contained less than 1.5 per cent, and the others ranged from 1.64 to 11.25 per cent. In the Santa Rita No. 7 the interval between 1435 and 1515 feet supplied 7 samples, of which 4 contained more than 6 per cent. Two of these taken at 1445 to 1465 feet ran 7.95 and 8.22 per cent, and two others at 1485 to 1515 feet ran 6.09 and 6.16 per cent. A lower interval, 1725 to 1735 feet, yielded a sample with 8.05 per cent. The Santa Rita No. 8 well furnished 35 samples, of which 17 exceeded 1.5 per cent in potash content. Six samples were taken from the interval 1235 to 1310 feet. Five of these ranged from 4.21 to 5.92 per cent, and the sixth contained 1.41 per cent. Another group of five samples from depths between 1470 and 1570 feet ranged from 2.67 to 5.48 per cent. In the Santa Rita No. 9 well consecutive samples taken between depths of 1225 and 1250 feet contained 5.65 and 5.7 per cent of potash. Other intervals at 1276 to 1295 and 1558 to 1578 feet yielded samples with 5.85 and 5.12 per cent, respectively.

The numerous groups of consecutive samples showing noteworthy amounts of potash suggest the presence of relatively thick bodies of salts and associated strata, in which it may be possible by core drilling to distinguish individual beds of polyhalite rich enough and thick enough in themselves to be of commercial grade, or so distributed that they may be readily enriched by sorting. Until core-drilling methods are employed, however, it will not be possible to obtain definite information about the thickness and quality of individual beds.

Anniston Encourages New Industries.

Anniston, Ala.—In its desire to lend every encouragement for the location of new industries here, the city council is relieving new enterprises from taxation for a period of five years. In line with this policy, several industries have already been exempted.

A Rip Van Winkle's Revelation of the South.

AFTER 20 YEARS OF ABSENCE HE FINDS ALL HIS DREAMS MORE THAN REALIZED.

By GEORGE GARNER.

Properly to appreciate the South—to grasp its tremendous development in the two past decades and to realize its marvelous potentialities and opportunities of the present—one preferably should be a native of some other section and one who has not visited the South during its great transition period between, say, 1906 and 1926. On which premise, the writer arises to present his qualifications on both lines, and to ask permission to write in the first person singular.

Simply in explanation, and not for the records of history: The writer was born and brought up in New York, but drifted to the South, in his newspaper career, about 1905, spending some time in Memphis, about three years in New Orleans and traveling much through the Southern states until August, 1908. Recently, he again visited Memphis and saw much of the South, for the first time in 20 years. Throughout those two decades he had been a most enthusiastic "booster" for the South, and he found his predictions about that section either completely fulfilled in some cases or well on the way in others.

First and foremost, I found that the Southern people do not yet really know their South. For one thing, they live too close to the scene of development to get it in the true perspective; it appears to their eyes merely a blur of generalities, without adequate discernment of the details. For another, while the railroad and telegraph and telephone connections are improving progressively, the people of the South have not nearly reached that high degree of intercommunication, or intracommunication, which prevails in the North. Many men there are in each Southern state who know and appreciate the progress, development and opportunities of their section, and these are striving day and night to inform all their people, but the fact still remains that the Southern people as a whole do not yet know their South.

To the visitor returning to the South after long absence the change in that great section is as conspicuous and as wonderful as was the change in his world to Rip Van Winkle. Industrially speaking, he sees two blades growing where one grew before. Above all, he sees a new spirit in the people—an alertness, a self-confidence, an ambition not obtrusively discernible in the days of the past. The tremendous interests in the South shown by the East, the North and the Northwest—an interest backed by investments of real money—has awakened in the people a realization that they are "some pumpkins," after all. They have perked up amazingly. Instead of bemoaning the disaster of the Civil War, they "hold it truth, with him who sings to one clear harp in divers tones, that men may rise on stepping-stones of their dead selves to higher things." They have the confidence imbued by their own self-respect, reinforced by the respect of all the land.

The great change in the South was impressed on me first at the very outset of my recent visit—my train from Baltimore reached Memphis practically "on the dot." From dreary experiences of years ago, I had resigned myself to expectation of several hours of delay, not to mention an uncomfortable trip over a rough roadbed, with frequent sidetrackings for freight trains or wildcat locomotives. Instead, the train ran smoothly through the nights and day and rolled into the fine station at Memphis at virtually the very minute appointed. Can this be the old Southern Railway? I wondered. The improvement in the service was my first realization of the progress of the South.

And on this train I received my first intimation of what I

was to expect in the South, this coming from a fellow-traveler who had lived all his life in Baltimore, but recently had migrated to Memphis.

"No one loves Baltimore more sincerely and loyally than I do—it was my family's home for generations," said he; "but, while I've lived in Memphis only four years, I love it now just as well. It is a wonderful city—the South is a wonderful section. You won't find a finer hotel in the whole country than the Peabody—bar none."

And so he continued till a servitor warned us of the "last call for dinner."

This eulogy of the Peabody Hotel rather shocked me. Arose in my mind a picture of an old hostelry on Main street—a sort of "lean and slippered pantaloon" of a hotel, dingy and forlorn—an old hotel in which I once had interviewed the late Senator Carmack of Tennessee. In those days the Gayoso was the outstanding hotel, almost without a rival; today it shares the best patronage with the Peabody, the Claridge, the Chisca and others. Though I doubt not the other houses are of about the same standard, I went to the Peabody—a new, glorious hotel; not on the old site, but equally conveniently located—a hotel of which any city in the land well might feel mighty chesty. With at least four such hotels to entertain its guests, Memphis well may swell with pride.

"Change Number 2," I pondered.

The tremendous financial, commercial, residential and structural development of Memphis did not surprise me, nor did the great, new bridge across the Mississippi. All these features I had predicted for 20 years, and so they were not amazing.

But each of these features was impressive when seen, rather than mentally pictured. The old skyline of Memphis was nothing to move the citizens to enthusiastic cheers; two or three "big" buildings in the old days had stood out in contrast with the average small structures, but even in gazing at those "big" buildings no one got a crick in the neck. Now skyscrapers—real skyscrapers—are almost common; fine, modern office buildings tower high in the air, all, apparently, filled with prosperous tenants. Main street now is Main street, indeed—a greater Broadway in proportion to the population of Memphis than the celebrated Broadway of New York. In the place of the old Log Cabin saloon which used to be a landmark on the east side near the Gayoso is a fine business building; an old undertaking establishment on the east side of North Main street has given place to a more cheerful business structure; a great department store, one of the finest and most attractive that I know, stands on the site of the old Peabody Hotel.

"They worked night as well as day on that building," said a friend, "and the contractors drew a fine bonus for finishing it well before the specified time."

And the number of banks and trust companies and theaters is amazing to one who remembers old Memphis.

In most instances the names of the streets are unchanged; in all other respects they are new thoroughfares—many very wide and all smoothly paved, and all, I am informed, safe for pedestrians at night. It was not so in the old days. Well can the writer recollect the adventure of walking home at 2 o'clock Sunday mornings after the paper had been "put to bed." On instructions from veteran residents, he then had walked in the middle of the street; where the electric lights threw shadows forward, he walked forward; when he reached a point where the shadows fell to the rear, he walked back-

ward, so that he might be well warned of footpads on his trail. Incidentally, six members of the staff of his paper were held up on various occasions during his stay in Memphis. During his recent stay in the city he did not hear of a single hold-up.

And the park—the parks! Recollection goes back to the day when Memphis could not boast of its principal park. There was no "zoo" in those days—indeed, every circus or similar show which visited the city was importuned to contribute some beast or bird to the nucleus of a "zoo," and some were most marvelous specimens. Now Memphis well may point with pride to its park system and its recreation spaces.

The residential section deserves far more space than can be accorded it here—Memphis is a city not only of homes, but also of beautiful homes.

As for the industrial growth of the city, who shall describe it? Just offhand one may mention the recent establishment of a celebrated auto-body company's plant, employing hundreds of men and women. The manufacturer of one of the most popular automobiles in the world soon is to locate a plant in Memphis, also. And the most significant feature of the industrial growth is that the variety of the industries is as great, in proportion, as the number of new plants and factories—Memphis is not a one-product city.

And, for the information of both the wets and dries of the land, let me say that not once in my stay in Memphis did I see one drop of liquor; not once was I invited to imbibe; not an intoxicated person did I see. Only once, in fact, did I hear liquor mentioned, when I stopped at the hotel newsstand for a morning paper.

"Kind o' rocky this morning; had a large night," volunteered a man to the young woman at the stand.

"Did you?" she replied with perfunctory politeness, and gave no further indication of interest.

The man, by the way, gave no sign of a "large night," and I suspected he was talking for effect.

As a matter of fact, on my entire trip, the only sign of liquor I saw was in the case of a young fellow on the train going South, who nursed a bottle of whisky—not as though he enjoyed it, but to be "big"—and who was unable to entice any one of half a dozen men to "join him."

Such is the modern Memphis which Rip Van Winkle from the North observed after an absence of 20 years. For Memphis, I am persuaded, one might substitute the name of any other substantial Southern city and make the same wonderful comparison. At Nashville, for instance, the same great progress was to be noted, and even the small towns on the railroad line wore a modern, progressive and prosperous aspect which was not displayed years ago.

And, finally, my conviction that a new South had arisen was verified by my railroad trip homebound—instead of riding on an old rattletrap train, I traveled on the Louisville & Nashville Pan-American, the latest word in railroad convenience and comfort, a train on which the traveler, while whirling across the land, can casually pick up a radio apparatus and hear music from distant points and the news from all the world. Only a prosperous area can support such a train.

In my praise and predictions for the South I have at times been accused of overenthusiasm. When Lord Clive was accused of grafting while Viceroy of India, he replied, "I'm amazed at my moderation." That is my answer.

Williamson to Vote on \$335,000 of Bonds.

Williamson, W. Va.—A special election for April 24 has been called by the city commission of Williamson on a bond issue of \$335,000. Of the total \$230,000 will be used to rebuild the present water-works, while the remainder will be devoted to repairing streets.

Brief Summary of Constructive Work Accomplished by the Mississippi Legislature at Its Recent Session.

In an "adjournment of politics," as it were, the legislature of Mississippi in its recent session appears by its work to have put its shoulder to the wheel for constructive development of the state and to have added impetus to the movement to push Mississippi to the forefront in the South and throughout the Union. This progressive spirit is indicative of the spirit of all the South; also, whatever benefits any one Southern state must inevitably benefit the whole South and in turn benefit the entire nation.

The most important measures enacted by the legislature may be divided into two classes—those which wiped out existing handicaps or economic evils, and those which encourage confidence in the state and stimulate and attract business, industry and agriculture.

Through the abolishment of the office of state revenue agent and the substitution of a state tax collector, Mississippi seems to have accomplished both these ends in one move. The discouragement to outside business interests in Mississippi through the powers and practices of the state revenue agent—regardless of his personal identity—has been costly to the state and its people; encouragement now is given through the reasonableness of the powers conferred on the state tax collector. As explained from Jackson, "compared with the former autocratic powers of the state agent," the office of state tax collector "has no powers to speak of." No power has been given the newly created official to bring anti-trust suits, this having been delegated to the Attorney General.

"The revision of the Anti-Trust laws, the abolishment of the state revenue agent and the abatement of the Ford suit for \$12,000,000 and similar suits have been worth thousands of times the amount which would have been collected under the old plan—it has shown that Mississippi is trying to be fair with all with whom it comes into contact," as the legislative correspondent of the New Orleans Times-Picayune puts it.

Beyond this the state educational institutions have been remembered, reforestation has been practically encouraged, the tax levy has been reduced, justice has been accelerated and invitation has been extended to new industries. On this line the following paragraph from the Times-Picayune is most interesting:

"Exemptions were granted to new industries that will provide methods for working raw materials of the state into finished products. To carry out the provisions of the tax-exemption law of the state a bill was passed providing for a method of applying for exemptions and a check on the exemptions granted. * * * Corporation farming, for many years prohibited, is permitted under a law passed allowing corporations to farm up to 10,000 acres. * * * A new plan of assessing domestic insurance companies was placed on the statute books, thus insuring Mississippi companies that they will receive the same treatment as foreign companies."

Agriculture, industry, domestic and outside investment, education—all are encouraged by the recent legislation.

As summarized by the Times-Picayune, some of the other important measures enacted were:

Raising of the maximum exemption under the inheritance tax from \$10,000 to \$25,000.

Reduction of the state tax levy, a 25 per cent cut.

State-wide livestock law, providing that livestock sanitary boards or supervisors may vote money for tick-eradication work.

Revision of fish and game laws so as to provide for conservation of wild life in Mississippi.

Permission for counties and municipalities to make special levies for advertising purposes.

Revision of the Privilege Tax Laws.

Allowing municipalities to pass ordinances to curb smoke nuisances.

One-cent increase in gasoline tax, providing approximately

\$2,400,000 to be turned over annually to the state highway department and an equal amount to the counties.

Reorganization of the state-highways system, adding about 900 miles to the system.

Permitting criminal terms of Circuit Court to be made perpetual, thereby speeding up trials and possibly preventing lynchings.

Apparently, the legislature has done much for the advancement of Mississippi, and Governor Whitfield also is given credit by the press and people for his large participation in this work.

To Study Electricity for Farm Uses.

By A. B. BRYAN, Clemson College, S. C.

Prof. H. W. Barre, director of the South Carolina Experiment station, has been selected to head a state committee for South Carolina on relation of electricity to agriculture, other members of the committee being Prof. S. B. Earle, director engineering department, Clemson College; H. A. Orr, Southern Public Utilities Company, Anderson; E. B. Canty, Broad River Power Company, Columbia; J. W. Shealy, State Commissioner of Agriculture; K. W. Marett, farmer, Westminster. J. T. McAllister, agricultural engineer, Clemson College, is secretary of the committee.

The appointment of the committee is the outcome of a preliminary conference called recently by Dr. E. W. Sikes, president of Clemson College, at which definite steps were taken to carry on some investigational work regarding the possibilities of electric power on farms.

This conference brought together representatives of power companies, leading farmers and agricultural workers from Clemson College. Most of the discussions centered around two important phases of the problem: (1) How can electric service be supplied the farmer and what is involved in its establishment? (2) how can this service be utilized by the farmer so that it will be profitable to him?

Investigational work on rural electrification is being carried on in 18 states under the direction of state committees composed of representatives of the various interests concerned, and the efforts of the state committees are being co-ordinated by a national committee. South Carolina is the nineteenth state to undertake this investigational work, Alabama and Virginia being the only other Southern states now doing work along this line.

The Broad River Power Company recently installed 32 miles of rural lines near Trenton and Johnson, S. C. The Southern Public Utilities Company also has extensive rural lines in South Carolina, and it is possible that studies will be made where lines already exist.

In discussing the objectives of the proposed investigation, Mr. McAllister, secretary of the committee, says:

"In agriculture man and animal labor needs to be reduced and replaced by more efficient power units. Operations need to be systematized in order that a greater reduction in the cost of production may be made. Agriculture in general needs more economy in production. This can be brought about largely by the use of more efficient machinery and larger power units. This is especially true in our Southern states, where it has been found that man and animal labor constitutes fully 50 per cent of the cost of producing cotton."

Bids on Pipe Lines and Pumping Equipment.

The board of trustees of the Monroe County Water Supply District, Key West, Fla., wires the MANUFACTURERS RECORD that it will receive proposals until April 20 for the construction of pipe lines and pumping equipment to bring fresh water to Key West over the Florida Keys. Engineering firms are invited to submit any feasible proposition, including details regarding franchise.

\$4,000,000 FOR FLORIDA PUBLIC UTILITIES.

Erecting \$2,000,000 Steam-Electric Generating Plant Near Sanford—Will Enlarge Orlando Gas Plant—Build New Transmission Lines.

By J. O. SHOLENBERGER.

The Florida Public Service Company, a subsidiary of the General Gas & Electric Corporation, under the financial and operating management of W. S. Barstow & Co., New York, will spend nearly \$4,000,000 in the development of public utilities in central Florida this year.

A great steam generating electric station, now in course of construction on Lake Monroe, at Benson Springs, opposite Sanford, is the major operation of the development program, which also includes the increasing of the Orlando gas plant to three times its present capacity, building additional high-tension transmission lines and improving distribution systems.

The Benson Springs power station will cost approximately \$2,000,000.

The Florida Public Service Company entered the public-utility field in central Florida in February, 1924. It operates an extensive electric power and lighting system of more than 270 miles from Seville on the north to Lake Stearns on the south. Electric generating plants at Orlando, De Land, Eustis and Lake Wales are all connected by high-tension transmission lines, and the new Benson Springs station will also connect with these lines. The gas service is operated in Orlando, and water and ice service is supplied in a number of the nearby 100 cities and towns in the territory.

The Benson Springs plant is being built by the company's own engineers on a tract of 50 acres of land on the Monroe Lake front. The site provides for shipping on the St. Johns River, where a large freight dock has been built and two railroads afford further shipping facilities.

More than 30 houses and two commissaries have been built on the site to provide accommodations for some 300 workmen now engaged on the construction.

The power-station development is designed for 50,000 kilowatts capacity, or the equivalent of nearly 70,000 horsepower. Its total cost when additional units are added will be approximately \$5,000,000. The plant is to be almost an exact duplicate of another massive power station erected by the Broad River Power Company at Parr Shoals, S. C. The Broad River Power Company is also a subsidiary of the General Gas & Electric Corporation.

The power station building on Lake Monroe is to be 132 by 138 feet in dimensions and 75 feet high. Its construction will be of steel, hollow tile and stucco, with gypsum roof. A great steel stack 11 feet diameter at the top will tower 150 feet high.

Equipment of the plant will be of the most modern type. It is designed for burning either oil or pulverized coal, the most economic means of generating electricity by steam. It will burn oil when the plant is first operated some time this fall. Large storage capacity is provided for both coal and oil fuels.

Contracts for much of the material and for a great amount of the equipment were let early in the year for delivery within three months. The building steel is being furnished by the Belmont Iron Works, Philadelphia.

The 12,500-kilowatt capacity turbine, which will represent the first unit, has been ordered from the Westinghouse Electric & Manufacturing Co., East Pittsburgh, which will also furnish the surface-type condenser, the auxiliary turbines and the main transformers and switches.

D. Connelly Boiler Co., Cleveland, Ohio, will furnish the boilers; Allis-Chalmers Manufacturing Co., the motors, and Power Specialty Company, New York city, the superheaters

and economizers. The piping will be furnished by the B. F. Shaw Company of Wilmington, Del.

Delivery of the steel for construction started in February, and the turbine and some of the other equipment is to be delivered the latter part of April.

Building materials—stone and sand—were bought at various places, from where it was possible to get shipments to the plant.

The freight dock, about 600 feet in length, was built a distance of 1760 feet from the present Benson Spring dock, and a railway siding about 1000 feet in length has been built from the Florida East Coast Railway to the site of the power station.

Present power and lighting needs of this rapidly developing section of central Florida, rich in fruit raising and truck growing, will be provided by this large steam station, which will also provide for future industrial development.

To Develop Power for Feldspar Mills.

V. V. Kelsy of the Golding Sons Company, Trenton, N. J., advises the MANUFACTURERS RECORD that the Golding Company and the Erwin Feldspar Co. have recently purchased a water-power site on the Nolchucky River near Erwin, Tenn., about one and one-half miles south of Erwin, and are now having surveys made for the construction of a dam and power-house to generate electrical energy for the operation of their two large feldspar mills at Erwin. It is contemplated that the first installation will generate approximately 1000 horsepower.

This development has been planned by Herbert P. Magerum of Trenton, president of the two companies, to take care of the increased production at the feldspar mills. Both mills are now running to capacity, and it is stated that the companies are considering the installation of additional grinding units.

For Florida Land Survey.

West Palm Beach, Fla.—The discussion of agriculture, agricultural development, colonization and marketing will feature the deliberations of the Florida Takes Inventory Congress at West Palm Beach on April 16. Many authorities believe that the agricultural future of Florida will depend upon intelligent development, and that waste lands, uncleared, and with the character of the soil undetermined, are likely to prove of no permanent benefit if marketed to speculative buyers. Among those expected to discuss various phases of the agricultural situation are Nathan Mayo, commissioner of agriculture; L. M. Rhodes, head of the state marketing bureau; Carl C. McClure, president of the Florida Association of Real Estate Boards, and J. C. Penny, who is developing a large farm project at Green Cove Springs, Fla. Col. Peter O. Knight of Tampa is chairman of the committee on arrangements.

Contract for \$4,000,000 Apartment Building.

Winter Haven, Fla.—General contract has been awarded to G. H. Cooper of New York by the Eloise Apartments, Inc., Dr. George S. Waldo, president, for the erection of the Eloise Apartments here to cost approximately \$4,130,000. The building will contain a total of 150 apartments of three to five rooms, each apartment to be equipped with fireplace, cold-air refrigeration, trash chute and dumbwaiter. The structure will be of Spanish-Moorish architecture, with a patio at each end and sunken Italian gardens on each side. It will be of steel frame construction faced with marble, Spanish brick and Moorish tile. There will be a ballroom and roof garden on the top of the building, with an observation tower above.

Trade With European Possessions in Latin America Increases During 1925.

The total of our 1925 foreign trade with Europe's scattered possessions in Latin America amounted to approximately \$70,000,000, as compared with about \$56,000,000 for the previous year, or an increase of nearly \$14,000,000, or over 24 per cent, according to the Department of Commerce. While we bettered our exports to these places by 12 per cent, from \$32,000,765 to \$35,807,702, our purchases from the component markets of this group increased 41 per cent over the 1924 import total, or from \$23,914,562 to \$33,654,283.

The largest increase in our purchases, both in value and percentage, occurred in our import trade with the Dutch possessions, Dutch West Indies and Dutch Guiana, though our purchases from Great Britain's possessions in this field—British Honduras, British Guiana, Falkland Islands and British West Indies—are more than twice as great as those from the Dutch and French possessions (French West Indies and French Guiana) combined. The unusual increase in imports from the Dutch possessions is indirectly attributable to the expansion of oil production in the Maracaibo fields of Venezuela, whence the crude product is taken to Curacao, refined and then exported.

Of the \$33,654,283 in merchandise supplied to this country in 1925 by this European group in Latin America, over two-thirds came from Britain's possessions. Our imports from the latter increased 22½ per cent over 1924.

\$870,000 Development at Albany.

The Empire State Development Company, of which Barron Collier of New York is president, advises the MANUFACTURERS RECORD that it will build a \$75,000 casino, \$720,000 hotel, \$37,000 gymnasium, construct \$35,000 golf club and two golf courses, one of 18 and the other of 9 holes, on the Blue Mineral Springs property in Skywater Park, Albany, Ga. The casino will be of Colonial architecture, of yellow pine timber and stucco construction over metal laths, while the hotel will be of hollow tile and stucco, to contain about 200 rooms. The gymnasium will be of yellow pine, cypress and stucco, and the golf club of similar construction. The company will handle its own construction, with J. C. Hind in charge. Landscape work is being done by the J. L. Hoffman Co. of Atlanta.

Savannah Bank Absorbs Valdosta Institution.

Valdosta, Ga.—The Merchants Bank of Valdosta has been absorbed by the Citizens and Southern Bank, Savannah, the transfer giving the latter institution five branches in as many cities, exclusive of the Savannah bank. With the acquisition of the Valdosta bank, the Citizens and Southern has combined resources, it is said, of more than \$70,000,000. Officers of the Citizens and Southern Bank include Mills B. Lane, president; Henry Y. Tillman, executive vice-president; A. F. Winn, Jr., vice-president; T. I. Denmark, cashier, and I. H. Tillman, assistant cashier.

Bradenton Sells \$1,048,000 of Bonds.

Bradenton, Fla.—Bonds in the amount of \$1,048,000 have been sold by the City Council of Bradenton to the Title Guarantee & Trust Co. of Cincinnati and the Florida National Bank and Barnett National Bank of Jacksonville. An issue of \$265,000 for waterfront improvements on the Manatee River sold at slightly more than 96, while the remainder of the bonds, amounting to \$783,000, voted last year for gas and water plants, sewers and pavements, sold at slightly more than 95. Improvements to cost more than \$1,000,000 will be started soon.

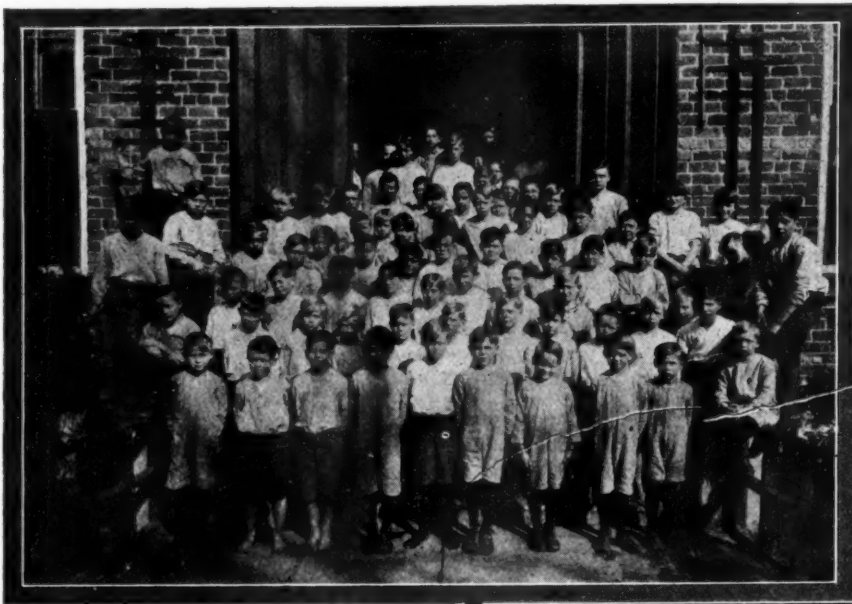
Oldest Orphanage in America Is in Savannah.

By GEORGE A. MERCER, President.

The names of Gen. James Oglethorpe, John and Charles Wesley and George Whitefield are all intimately associated with the founding of Bethesda Home for Boys at Savannah. In those days—almost 200 years ago—Savannah was Georgia. Oglethorpe and the Wesleys had discussed the necessity of making some public provision for children thrown upon their own resources, but it remained for Whitefield, when he arrived in the Colony as a curate of the Church of England, to be so impressed with that need that he early determined to go back to the mother country and begin the rais-

ing of the first building himself, and from that time until his death, in 1770, Bethesda and its inhabitants were never far from his great heart. Up and down the Colonies and to England he went in quest of funds, and during his lifetime the institution flourished. Soon after his death, however, misfortune overtook the Home and its usefulness began to wane.

In his will Whitefield left Bethesda, its property and all its care to the woman of wealth and position in England who had been his chief patroness—Selina, Countess of Huntingdon. In 1773 a disastrous fire practically destroyed the buildings. They were rebuilt, but not so extensively. Lady Huntingdon never visited the orphanage and the persons she entrusted with its care failed her. Upon her death the enabling Act passed by the Georgia Legislature to allow her, an alien, to hold the property was construed as not extending to her heirs, and the management of the Home was committed to a board of trustees. In 1805 fire and a hurricane completed the devastation of the Home, and the trustees were authorized by legislative



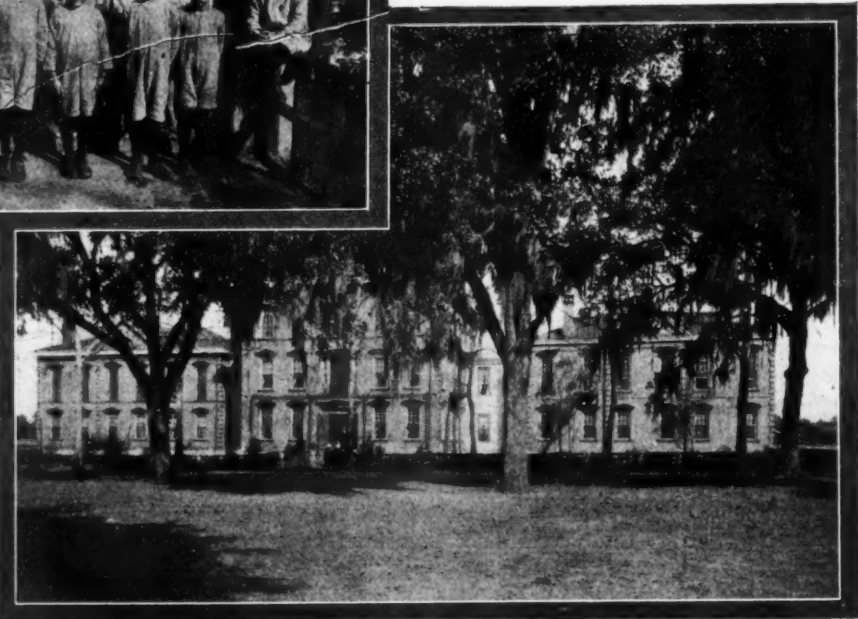
SOME OF THE CHILDREN.

ing of funds for the purpose of erecting what was called in those days an "orphan house."

Whitefield's power as a money-getter is well illustrated by his impression on Benjamin Franklin, who did not pay out money lavishly or without reason. Friendly to Whitefield and impressed with the need of an orphanage, Franklin insisted that it be erected in Philadelphia on account of the difficulty of securing workmen and materials at Savannah. The great preacher wanted the building where the children were, and he was firm in his resolve to build in Savannah. Though now determined that Whitefield should get no more money from him, Franklin missed no opportunity of hearing him preach, and on one of Whitefield's appearances in the Quaker City was a member of his audience, but still firm in his resolution to give no more money to the enterprises of an impractical man.

"I had in my pocket," writes Franklin, "a handful of copper money, three or four silver dollars and five pistoles in gold. As he proceeded, I began to soften and decided to give the coppers. Another stroke of his oratory made me ashamed of that and determined me to give the silver, and he finished so admirably that I emptied my pocket into the collector's dish, gold and all."

In the early part of 1740 Whitefield laid the cornerstone



A VIEW OF THE ORPHANAGE.

enactment to sell the property and divide the proceeds among certain local charities.

Whitefield, himself, and Lady Huntingdon after him, had flirted somewhat with the idea of elevating Bethesda to the status of a college for the purpose of preparing young men for the ministry. St. George's Club, a social and benevolent organization formed in 1750, accordingly began to pay more attention to the care of orphans. It was incorporated in 1786 under the name of the Union Society of Savannah, and is today the organization owning and managing Bethesda. An interesting incident in the life of this society is connected with the War of the Revolution. An article in its constitution provided that as long as any three of its members held regular meetings and observed its anniversary, St. George's Day, the society should be regarded as existing, with full

rights and privileges. When Savannah was occupied by the British in 1778, Sunbury, a then promising town on the coast to the south, also fell into their hands, and there four members of the society who had been taken prisoners were sent on parole—Mordecai Sheftall, John Martin, John Stirk and Josiah Powell. At Sunbury they remained for three years. Not knowing how the other members of the society had fared, and feeling that with the occupancy of the city by the British its meetings would cease, and determined, if possible, to perpetuate its existence, these four constituted themselves into the society, held anniversary meetings, elected officers and otherwise maintained the organization to which they were devoted. In the first of their meetings the British officers participated, furnishing the entertainment. A box made from the wood of a large oak tree under which the meeting was held is in possession of a descendant of Sheftall.

In 1854 the Union Society purchased a part of the original Whitefield tract, erected buildings and removed their charges thereto. They have added to their holdings from time to time and erected other buildings, and today have a home for a hundred boys that is a real home, with family life and contact with the outside world emphasized to the utmost.

With its present income the society is unable to do all it would like for the boys under its care, and it is constantly appealing in every possible way to charitably disposed persons to invest their money in this work, where the dividends are qualities of manhood.

Bethesda offers a unique example of a charity that uses newspaper space to induce people to make it a beneficiary under their wills. This advertising was inaugurated by the president of the society several years ago, and has produced such remarkable results, and is such a fine example of a charity appealing to the public year in and year out by publicity and advertising, that Printer's Ink wrote a story of it. It is the belief of the president that most people are kind-hearted and charitably inclined, and only need their attention called to others less fortunate than they to make them respond nobly. The president has a standing offer to draw the will of anyone free of charge who will leave a bequest to "Bethesda."

This argues well for the future, but funds are badly needed now to improve the quality of the training and instruction the boys receive and to enrich the schedule of their activities—per capita cost, for instance, is less than half that of such institutions as Girard College in Philadelphia, Mooseheart or other such well-equipped homes of similar character.

Bethesda is non-sectarian, but the religious life of the boys is not neglected. The society of Colonial Dames, Georgia Chapter, has recently erected a beautiful chapel as a memorial to Whitefield, the founder.

Bethesda is particularly proud of some of its boys who have made a big success in life. Every now and then one reflects great honor and credit on the institution. Only a few years ago one of the boys, J. Cooper Harris, who died in Atlanta, left Bethesda \$10,000 with which to build a gymnasium. This gymnasium has now been built, and it is thus a standing evidence of his love and gratitude for Bethesda, which cared for him when he was a helpless boy.

Bethesda is fortunate in having a superintendent skilled in educational work for boys and one who understands their well-rounded development. His good wife gives to them the tender sympathy of a mother. Our Heavenly Father was good to Bethesda when He sent us Mr. and Mrs. Burroughs, and His Divine guidance has helped Bethesda in many ways during her long life.

The city of Webster Groves, Mo., R. L. Wilson, city clerk, will sell at auction on April 12 bonds in the amount of \$150,000 for water; \$15,000 for fire equipment; \$10,000 for streets

\$400,000 Courthouse for Arkansas County.

Plans have been prepared by John P. Almand of Little Rock for a \$400,000 courthouse at Jonesboro, Ark., for Craighead county, the building to be erected and managed by the Board of County Commissioners, acting as a holding company. Proposals for the purchase of a bond issue or loans to finance construction will be received by E. C. Stuck, chairman of the commissioners, on or before April 15.

The structure will be of reinforced concrete, brick and terra cotta, of fireproof construction, the first floor to be devoted



COURTHOUSE TO BE ERECTED AT JONESBORO, ARK.

to commercial and city hall purposes, with two arcades running at right angles through it. The second and fourth floors will be devoted to offices for rental purposes and the third floor to court rooms and county offices. The fifth floor will be used as an apartment for the county sheriff, while the sixth floor will be equipped for a jail.

A basement under one-half of the structure will be practically above the street, with minor stores in one half and a community hall in the other. The building will be equipped with three elevators, one of which will have an entrance from the basement and will be used exclusively for handling prisoners.

In Behalf of the Apple.

M. V. Stedman of the Patrick Orchards, Stuart, Va., discussing the importance of the apple industry to the country, writes:

"There are fewer apple trees in America by many thousands than there were 10, 15 or 20 years ago. In fact, the figures taken from the Department of Commerce show that there is a decrease in bearing trees of about 25 per cent and in younger ones of nearly 50 per cent. With the population rapidly increasing in this country, as well as in other apple-eating countries of the world, will it not be but a short time until this best of all fruits is more sought after than ever before? More people and fewer apples mean better prices for the fruit, and in our opinion the intelligent apple grower will not only prosper but succeed in a much larger measure than the most sanguine have heretofore anticipated."

25 Homes to Cost \$275,000.

Orlando, Fla.—Property comprising a total of 40 lots has been purchased here by the Dougherty-Young Construction Co., formerly of Muskogee, Okla.; the company plans to erect 25 homes at once at a cost of approximately \$275,000. The dwellings will be of brick with white stone trim, mat-faced brick and stucco. Water mains have been installed; the property is also lighted and paved.

The South to Make Dairying a Major Industry.

Among the thousand and one industries already established, or now developing, in the South none is actually or potentially of greater importance than the Dairy industry. No other industry is of greater importance constructively to the moral, mental, physical, financial and commercial phases of life in the South. No other industry exerts an equal influence in the development of other industries on widely divergent lines. The Dairy industry is the cornerstone in the foundation on which the substantial and permanent prosperity of the South can best be constructed.

For years, while this fact was realized by a few men, it was not grasped by even an appreciable percentage of the people of the South at large. Farmers have endeavored to appease the wolf at the door by painfully cultivating one or two uncertain crops. Financiers, ever in search of remunerative investments, have ignored the cow, or regarded it only in terms of beef and hides. Few have espied prosperity at the bottom of the milk pail, like truth at the bottom of the well.

For decades fallow fields, rich in luxuriant verdure, have laid idle, untrodden by the hoof of a cow. The warm sun has shone all winter on countless acres of cowless grazing land. The North and the East and the Northwest, tight closed by bitter cold for months, have gazed with envy at the South, with all-year natural pasturage. Here and there scrub cattle have roamed, almost wild, through the woods, in ruminant sociability with the "razor-backs." In Alabama the marvelous black belt has picked up only pennies in dairy products, and dollars have laid there neglected. In other areas, almost equally favored, Opportunity has knocked unanswered at the farmer's door.

Finally, for years, the South—the dairy Eden of the world—has imported hundreds of thousands of gallons of milk and cream each year, hundreds of thousands of gallons of ice cream, tons of butter and of cheese; has imported huge aggregates of all dairy products, which it should produce itself in sufficient abundance to supply not only all its own needs but also a great percentage of the needs of other sections.

Already a start has been made in a movement to make dairying a major industry in the South, as shown recently in the MANUFACTURERS RECORD. Great dairy products concerns have grasped the wonderful opportunities in the South, and the farmers now begin to realize that a market is at hand for all the milk and cream they can produce. Southern Dairies has laid a strong foundation; the Armour Company has established a great butter plant at Meridian, Miss.; other dairy organizations are active in various sections. The possibilities of the dairying industry are gaining recognition by farmers and by distributing companies.

The South is pre-eminently the potential dairy section of the nation. The climate permits outdoor grazing for virtually all the twelve months of the year; no great barns are required for housing the cattle in winter; no fodder need be laid up for winter feeding. Increasing good roads mileage and railroad expansion afford fine transportation facilities. Refrigeration is easily provided. The banks of the South stand ready to finance the dairy farmer. Not one single item for the development and stimulation of the dairy industry in the South is lacking.

To the farmer the development of this dairy industry means much. It means a new cash income which he never had before. It means a ready cash income simply handed to him by Nature, with a minimum of effort, work, anxiety or risk on his part.

To business the dairy industry means greater bank deposits, to be available for further upbuilding of the South. It means circulation of a great, new supply of ready money, with pros-

perity to the stores and shops. It means the introduction of new industries on other lines, with all the prosperity these will bring. It is the little pebble in the great pond which will radiate waves of prosperity and contentment to far corners.

To the people of the South at large it means blessings innumerable—greater comfort and contentment; better and happier homes; better clad men, women and children; more of the clean, true enjoyments of life; better churches and better schools—truly, blessings innumerable.

Conditions in the South in general were well described recently by Governor Angus McLean of North Carolina in speaking specifically of his own state to the North Carolina Ice Cream Manufacturers Association:

"That North Carolina has not long since become a state in which dairying provides one of the most valuable, instead of a relatively negligible, land uses has been due to a number of causes—the lack of large cities, indifferent means of transportation, want of markets and a lack of co-operative facilities. At bottom, however, the real cause of our lack of initiative in this respect has been an adherence to ancient farm practice depending on the hit-or-miss method of one or two stereotyped crops, often without regard, even, as to whether the prices obtained were or were not greater than the cost of production. There is not a section of the state in which there are not, generally speaking, the conditions on our farms which suggest dairying as a profitable economic pursuit. Any livestock undertaking is based on economical feeding, which requires fertile soil and suitable weather conditions, including plentiful rainfall. These essentials North Carolina possesses in remarkable degree."

Governor McLean's remarks about North Carolina are applicable to the entire South.

And further to facilitate and stimulate the development of the dairy business, other industries, in knowledge that it will contribute to their own prosperity, are working on various lines. For instance, representatives of the Alabama Power Company are perfecting plans for the equipment of dairy plants with electrical appliances, and with power for the plants the wires will carry lights and other conveniences to farmer's homes. Nature and industry are working hand in hand in the promotion of dairy prosperity for the South.

Indications of the great awakening in the South to the opportunities in the dairy industry come to the MANUFACTURERS RECORD from all parts and in diversified forms—news items and editorials in the press, letters from men engaged in various business pursuits, inquiries from persons who wish to enter the business on the producing or distributing end—in whole-hearted commendation and appreciation of the efforts of the MANUFACTURERS RECORD to open all eyes to this foundation stone of prosperity.

Says the Houston (Tex.) Chronicle-Caller, editorially, in part:

"Giving its support to the general movement to bring about crop diversification in the South, the MANUFACTURERS RECORD of a recent issue has called attention to the progress of dairying interests in the South, and outlined the possibilities and the need of further development.

"The Safe Farming Association, which is now being given the support of business interests throughout the South, has as its motto: 'Better Cotton on Fewer Acres, and More Feed of More Acres.' Thus, the idea of less cotton of a better grade and more feed is stressed. The point made by the association is that Southern farmers now buy feed for work animals and food for their families, when both might be raised at home and cotton kept solely for a cash crop. If this were done, it is argued, then the reduced production of cotton would maintain its price at a point where its production would be profitable to the farmer.

"The MANUFACTURERS RECORD would in no way detract from this program, but would, in fact, supplement it by fostering the upbuilding of the dairy industry. Then, indeed, there would be more need for the feed raised at home and the farmer would have another cash crop besides cotton.***

"The MANUFACTURERS RECORD goes further to point out

that dairying can be carried on much more advantageously in the South than in the North. * * * And there is evidence that the South is awakening to its opportunities. Alabama and Florida, especially, have taken rapid steps in the dairying industry in recent years and, while the MANUFACTURERS RECORD does not take notice of the fact, it is well known to Houstonians that the dairy industry has taken on real importance in this section in the last few years. Co-operative dairy associations dot the country around Houston, and there is no reason why they should not dot the country around every Southern city. And, incidentally, there are a good many Southern cities getting large enough to consume big quantities of milk.

"The MANUFACTURERS RECORD's advice should be heeded by the Southern farmer. The continued dependence on cotton means nothing so certainly as complete agricultural bankruptcy. With the world already over-supplied with the staple and with new cotton-growing areas being opened up, with Mexico coming more generally into the market, with widespread efforts looking to greater production on the area planted, the Southern farmer simply must cut down on his cotton acreage. He will never do it, however, until he puts that acreage to some other use. The answer is to raise more feed for the stock and more food for the family, and to establish dairies that will require the raising of still more feed. This is the advice that business men, financiers and economists are giving to the farmer. These men have been aroused to the situation by recognition of the fact that their welfare is in direct ratio to that of the farmer. They are really speaking for the benefit of all, and the farmer would do well to heed their advice."

For instance, an editorial in the Atlanta Journal says, in part:

"Georgians who are interested in dairying—and that should include all who are interested in Georgia—will find in the MANUFACTURERS RECORD of February 25 a thought-arousing article on the South's opportunities in that field of wealth creation. It has long been known in general terms that this and neighboring states offer the best of American resources for year around production of milk and cream. But the treatment which our contemporary gives the subject is so rich in facts and in ideas that it will quicken the faith and the enthusiasm of even those who have been most active in promoting Southern dairy enterprises. * * *

"Georgia counties which have applied these sound policies are today models of prosperity and independence, notwithstanding that in many cases their farmers a decade ago were virtually bankrupt by an all-cotton regime and the boll weevil's invasion. The MANUFACTURERS RECORD is to be congratulated on its effective stroke for the development of Southern interest in dairying. No better service to business and industry, as well as to agriculture, could be rendered."

An editorial in the Montgomery Advertiser says, in part:

"In the MANUFACTURERS RECORD is the story of the interest awakened through the nation by the three expositions Alabama has taken part in this year—the Southern Exposition, held at New York last May; the National Dairy Show, held at Indianapolis in October, and the International Livestock Show at Chicago in December. At all three expositions Montgomery county took a leading part and the three exhibits combined did not cost our people as much as one banquet for home consumption. * * *

"With plants in Birmingham, Montgomery and Selma, the Alabama farmer should find a ready market for his dairy products. The Southern Dairies Company must remember, however, that fair prices and tests will determine whether the farmer succeeds, and only success will cause the farmer to maintain and increase production.

"Montgomery's good roads will make possible the location of a maximum number of cooling stations in this country, and, as each station will cost several thousand dollars, it will mean distributing little plants, with pay rolls, throughout the county.

"The first station to be located in the county will be in the Hope Hull community, and electric power will be used. This makes possible a complete electrification of that community. Every home will be lighted with electricity, and electricity will be used to light the barns, pump water, milk cows and do the thousand and one things that will make farm life more attractive.

"A community completely served by electricity must soon become a progressive community, and we predict that the electrification of this attractive section of our county will

soon be followed by demand from other communities for similar advantages.

"Our dairy farmers are going to have to learn more about raising feed crops, more about the value of a good cow and more about the care of milk cows. At Camp Kilby there is a herd of Guernseys that have for the past few months been under the care of a highly intelligent manager. This management has meant more and better calves and greater production. Eleven cows are now on test and they are producing a daily average of more than four gallons. If the dairy cows of Montgomery county were producing but 50 per cent of this average, our production would be 75 per cent greater than at present. The small producer may break even, but the profit comes only when the cow produces more than the average.

"There is no reason why Montgomery county should not become the greatest dairy county in the South. When this becomes a fact, the eyes of all the world will be centered on the county, and every acre of land will be of real value and a year-round prosperity will be the result."

In the Knoxville Sentinel appears the following article:

"Dairying in east Tennessee and the excellent outlook for the ice cream industry in this section comes in for its share of publicity in the February 25 issue of the MANUFACTURERS RECORD.

"An article 14 pages in length and profusely illustrated tells the entire history of the Southern Dairies, which maintains one of the best ice cream and dairy products plants in the entire United States in Knoxville. The plant, formerly owned by the Chapin-Sacks Corporation, which merged with the Southern Dairies, is located at Oak and Chamberlain streets.

"Southern Dairies officially took over the Knoxville plant several weeks ago and placed W. F. Ricketts in charge of plants in Knoxville, Pineville, Ky., and Maryville. Shortly after the merger was completed, W. E. Ditmars, sales manager for Southern Dairies, came to Knoxville and made official announcement of the merger and details.

"Coincident with the merger it was announced that Southern Dairies would conduct a campaign throughout east Tennessee to improve the cattle and aid dairymen in their work. In addition to this, Southern Dairies guarantees a ready market at all times for the products of east Tennessee dairies.

"The article in the MANUFACTURERS RECORD tells in detail everything about Southern Dairies and outlines the working staff and gives the views of the owners on the dairy possibilities in the South."

The Beaumont (Tex.) Enterprise, under the caption, "Cure for One-Crop Habit," says, in part:

"The one-crop idea is just a habit. It's a custom. Son does it because father did it. Newcomers rely upon one crop because the old-timers in the community have practiced it. With all our ingenuity and enterprise, we are slow to change our habits. It takes enormous effort and much courage to change old habits. * * *

"To the point is a letter from the MANUFACTURERS RECORD, saying:

"The South is annually buying millions of dollars' worth of dairy products from Wisconsin and other Northern and Western states, when as a matter of fact the South is better fitted naturally for the dairy industry than any other part of the country. * * *

"Beaumont sends annually hundreds of thousands of dollars to Wisconsin and other Northern and Western states for creamery products. In recent years Houston has been getting a share of this trade. There is not the slightest reason why all this money cannot be kept at home. Farmers in east Texas are anxious to improve their stock and engage in producing creamery products. The Chamber of Commerce here was recently importuned by a spokesman for Jasper county farmers to establish a creamery, that they might have a close and ready market for their milk and cream. It is not easy to achieve immediately a proper co-ordination of production and factory needs, but it can be done by intelligent co-operation. Some efforts have been made toward establishing creameries here, and we have a notion that lack of immediate success, for whatever reason, has caused the matter to be viewed with suspicion.

"Such experiences are hard to live down, but it is necessary only that we look actual facts in the face and not be frightened by isolated instances of failure."

The Palestine (Tex.) Daily Herald in an editorial, "Dairying in the South," says, in part:

"In the current issue of the MANUFACTURERS RECORD is an

interesting article entitled 'To make the South the Nation's Dairying Center' that reads most encouragingly, and tells of a great opportunity for the South and of plans to make of it the greatest dairying center on earth.

"And one of these days this is exactly what is going to happen.

"During the depressions in agricultural interests Wisconsin has stood up well, and has prospered, because of her dairying interests. And Wisconsin, so far north, does not have the open season, the good grass and the other advantages enjoyed in the South.

"What has been done in Wisconsin can more than be duplicated by this east Texas country. And the source of wealth to Wisconsin can be made a greater source of wealth for east Texas because of the fact that this section and climate make this the ideal dairying country, and the only reason dairying has not progressed more than it has in this section is because the people have been too much interested in other things that promise far less in wealth and general prosperity.

"The fact is that the South is buying annually millions of dollars' worth of dairy products from Wisconsin and other Northern and Western states—products that should be produced here.

"Dairying and poverty do not dwell in the same section. And only through diversified farming can any country hope to prosper. And dairying holds a pre-eminent place in diversification.

"The curse of the South today is the one crop—cotton—and the mortgage that hangs over the great majority of the cotton producers that keeps them growing cotton year after year.

"Yes, this is a great dairying county—or could be made so—and through this industry this section could become one of the most prosperous in the world, because history shows that the introduction of dairying in any section attracts industries in other lines, especially creameries, cheese factories, ice cream factories, condensaries, etc., and these promote a sound and substantial prosperity for all the people."

From an editorial in the Durham (N. C.) Morning Herald:

"North Carolina will never be in a position to successfully defend itself against depression until it stops the heavy drain upon it, because the people here do not produce what they eat. If this state would develop the dairy industry, it would be much better protected against periodic depression. As long as the state depends so largely upon the two money crops of cotton and tobacco, just so long will its progress and prosperity be vulnerable.

"A story came out from Raleigh recently to the effect that this state imports 90 per cent of its butterfat used in the manufacture of ice cream. As a result of information obtained by state officials, the Governor is going to inaugurate a campaign for educating the people to the need of more dairies. An investigation in one county showed only one cow to every 16 persons living in that county. That is a condition which reveals without further statistics that that county is one of the poorest in every respect in the entire state. If there were plenty of dairy cattle in that county, it would be one of the richest.

"An article in the MANUFACTURERS RECORD along that line is especially timely in view of the campaign that is to be inaugurated in this state. It shows that when a state, no matter where that state is, enters the dairy business upon a large scale, that state is removed from the danger of depression and is listed among the wealthy states of the Union. The article is a revelation, and it should arouse North Carolina and the entire South to the opportunity that is here and not used for making this section of the country more independent and prosperous. It deals with constructive steps 'to make the South the nation's dairy center,' indicating that instead of being an importer of dairy products and ice cream, as at present, the South ere long will ship milk and cream and ice cream to other parts of the country."

In an editorial on the article in the MANUFACTURERS RECORD, the Jackson (Miss.) Daily News says, in part:

"The enterprising city of Starkville is getting some mighty good advertising these days over the fact that the only milk-condensing plant in the South is to open at that place within the next few days, and a big public celebration of the event has been planned.

"There is every reason why the South should be the nation's dairy center, but we have made rather slow progress in that direction. Here in Mississippi, perhaps, more advancement has been shown than in any of our sister states, due to the

encouragement given by the development bureau of the Illinois Central, which has assisted in establishing creameries and first-class dairy herds in many communities.

"In bulletins issued from the Department of Agriculture at Washington an earnest effort is being made to encourage dairying in the South. Farmers are being urged to turn to dairying as a profitable, year-round industry; while in distribution, great dairy products and ice cream plants are being established from the Mason and Dixon line to the Southern tip of Florida to market the Southern farmers' milk supply.

"The Government's confidence in the South as a potential center of the nation's dairy and ice cream industry has inspired Southern Dairies, a Southern concern, with headquarters at Washington, D. C., already to open more than 50 creameries and ice cream plants in the South, and it is planned to invest many more hundreds of thousands of dollars in the dairy industry in that section.

"A specially constructed tank car filled with fresh milk arrived in Miami, Fla., recently from Wisconsin. A car of milk shipped 1800 miles to Florida and traveling a great part of its journey through a territory than which there is no better in the world! That is indeed one of the ironies of life!

"In the South no great barns are needed to protect the cattle from extremely cold winters. The long grazing season and the many varieties of luxuriant grasses make it possible to produce milk, butter and cream at low cost.

"For some reason the South has failed to appreciate fully that it is potentially the great dairy area of the world, but it is learning, and that is encouraging."

The Twin City Sentinel of Winston-Salem, N. C., says, in part, in an editorial, "A Lesson From Other States:"

"One of the best announcements we have seen recently, as far as the agricultural progress of North Carolina is concerned, is that to the effect that a persistent campaign is to be waged in this state looking to the further development of the dairying industry.

"It seems there are fine possibilities in North Carolina for such development, and certainly the experience of certain other states gives abundant reason to believe it can be made notably successful.

"As a matter of fact, North Carolina has decidedly more in the way of a dairying industry now than she had just a few years ago, but the possibilities in that direction have scarcely been touched.

"The MANUFACTURERS RECORD has been having some worthwhile things to say on this subject of developing the dairying industry in the South. * * *

"Figures recently published showed that North Carolina imports a considerably larger proportion than necessary of the dairy products consumed by her people.

"To be sure, we are correcting that condition in a small way from year to year through the production of cheese and other food products, but that kind of thing is not sufficiently widespread.

"The story of the possibilities in North Carolina for the development of the dairy products industry should be told so persistently and so effectively that cows and dairy products of various kinds will have a more important part in our farming development than ever before."

As the Daily Light of Waxahachie sees it:

"Where the dairy cow enters, there poverty departs."

"How often have you heard that statement? Well, every time you have heard it you have heard a statement that is just as true as it is old.

"Now the South is shackled by cotton. And it is suffering the consequences.

"Efforts are being made to release the South—of which Texas, of course, is a prominent unit—from this bondage.

"Diversified farming is the solution, as everyone knows. The one-crop method is the ball and chain of the South.

"So, why not turn our thoughts to Wisconsin? Wheat got that section 'in bad,' just as cotton has been the Waterloo of Texans and other Southerners. What did the Wisconsin folk do? They were not content to go bankrupt without doing anything about it. They got busy. These folk are a resourceful lot.

"Some men who could see further ahead than the ends of their noses started a move in the direction of dairying. What is the situation today? Well-founded reports have it that rarely does one hear a word of complaint about agricultural depression there.

"And Wisconsin and many other Northern and Western

states are growing fat off the South, which is buying millions of dollars' worth of dairy products from them each year. Why should we let this money leave? Isn't it pure folly?

"Furthermore, experts tell us that the South is better adapted naturally to dairying than the North.

"To use a popular, though not very elegant, expression of the day: 'What are we waiting on?'"

From an editorial, "The Dairy," in the Charlotte Observer:

"One of the most notable 'signs of the times' is the developing interest throughout the South in the dairying industry. All of Texas is being organized into dairy corporations for the purpose of getting the farmers away from the one-crop system. In Florida and Alabama marked progress has been already made in dairying development and the movement is being fostered in all Southern states.

"The current issue of the MANUFACTURERS RECORD carries illustrated features in exploitation of the project of Southern Dairies 'to make the South the nation's dairy center.' Southern Dairies expects to develop a business of \$12,000,000 this year, with the Norfolk, Richmond and Baltimore plants excluded.

"The Observer regards this movement as one of importance to the farmers of the South, for it is going to make the South 'a shipper' of milk, cream, ice cream and butter to all parts of the country. On the production end, says the statement in the MANUFACTURERS RECORD, farmers are to be encouraged to turn to dairying as a profitable, year-round industry; on the line of distribution, great dairy products and ice cream plants are being established from the Mason and Dixon Line to the southern tip of Florida to market the Southern farmer's milk supply. For the consuming public, this means an ample supply of dairy products and ice cream at reasonable prices."

From an editorial, "The Profits of the Dairy," in the Lexington Herald:

"A letter from the MANUFACTURERS RECORD, published in Baltimore, calls attention to efforts of that publication to make the South the nation's dairy center. During the depression in agricultural interests during the last five years the farmers of Wisconsin have been prosperous. Farmers in Wisconsin reaped a disastrous experience from concentrating their chief energy upon wheat. When wheat crops or prices failed, the result was at least 'hard times,' perhaps for some bankruptcy.

"Since dairying has become a real industry, not merely a side line, there has been little agricultural depression felt in Wisconsin. * * *

"Kentucky is one of the states where there are great dairying opportunities. In an article in the MANUFACTURERS RECORD there is a statement from J. B. Eckhart, a veteran expert in the Southern Dairies organization, that 'instead of importing milk and cream the South should be shipping them to all parts of the country.' To this the United States Department of Agriculture adds:

"The South can produce condensed milk, butter, cream and cheese—which it now purchases from other sections—at home. If the supply is made constant and the quality good, Southern dairy products will find a ready market at profitable prices."

"There already has been noticed a great development in the dairy industry in Kentucky. For a while the dairy was considered only a side line. During days when the cow came to the rescue during agricultural depression she demonstrated her value. Since then there has been an increase in the attention given to dairy farming. But it has not been taken up upon a large scale as it should. Dairying offers a great opportunity to Kentucky, and to all the South."

From an editorial in the Selma Times-Journal:

"In this very exhaustive and thoughtful article in the MANUFACTURERS RECORD the rapid growth of the dairy industry in the South is also emphasized. The accelerated interest in dairying in Alabama and Florida is noted. * * * The dairy movement is one of undoubted importance to the agricultural interests of the South."

Such are a few of the numerous indications, as noted by the MANUFACTURERS RECORD, of the fact that the South is awaking to the tremendous possibilities and opportunities in the dairy industry. And in proportion to the development of this industry will be the development of prosperity in the South.

Clays in the South and Cement in Florida.

The American Mining Congress.

Washington, D. C., March 24.

Editor Manufacturers Record:

In connection with the Memphis conference we received a letter from Thomas J. Wilson of the Owen-Cross Porcelain Co. of Chester, W. Va. Mr. Wilson's personal address is Newell, W. Va.

He states that there is a great demand in this country for high-grade china, and he believes it is a vital issue to develop the South into a pottery center for its manufacture. He continues:

"We prefer the Southern states, as all of our clays come from there, with a good market for our ware. The only high-grade china pottery below the Mason and Dixon line is the semi-vitreous one at Erwin, Tenn.

"We are in a position to make the best vitreous china in America. It has a very high translucency, will never craze, can be made 80 per cent first class from kilns at a profit of 50 per cent, and orders are plentiful. We now make this ware in a large factory with Southern clays.

"We have the formulas and the best American methods for high-grade china tableware. Every member of the company has held responsible positions in the best and largest factories in America and Germany.

"We are growing and would like to extend in the South if we can finance a plant. We could pay for it in three years under normal conditions. A modern plant, ready to operate, would cost about \$90,000. The kilns are constructed so that the bisque is fired in the top and the glazed ware in the bottom. One kiln will hold about \$6000 worth of ware. The best size is a six-kiln plant."

These people make high tension electric porcelain specialties.

We greatly appreciate your editorial of March 4 touching on the cement situation in Florida. It is literally true. Mr. Mossom, Assistant State Geologist of Florida, told us at Memphis that the annual cement consumption of that state is now 3,750,000 barrels.

HENRY MACE PAYNE, Consulting Engineer.

Thankful, But—

By SILAS B. RAGSDALE, Galveston, Texas.

In a recent number of the MANUFACTURERS RECORD you published an interesting article by Wellington Brink entitled "Is Texas Next?" The reference to "Galveston and Corpus Christi bathing beauties don't develop any more gooseflesh to the square inch than those of sunny California and feverish Florida" is very much appreciated, because Galveston boasts—and has—"the finest surf bathing in the world."

But further down are mentioned Beaumont, Port Arthur and Houston as the ports of Texas. That list should also have included Galveston, even though the author may not claim it was a complete list. Galveston was, and is, the first port of Texas. It has, as traffic men will tell you, most complete wharf facilities, which afford about the fastest handling of vessels in America. It is the largest cotton-exporting port in the world, ships more sulphur than any other port, handles considerable grain and oil, and its total import and export values has ranked either second or third of all American ports for many years back.

Galveston is a playground, but also a port. Galvestonians like their friends to mention both when they are talking about us.

Takes Over Coral Gables Utilities.

Coral Gables, Fla.—Operation of the public utilities of Coral Gables, including light, water and two street-car systems, has been taken over by the Florida Power & Light Co. The consideration was \$1,250,000, it is stated, and it is understood that the company has agreed to extend its utilities to new and growing districts of Coral Gables as needed.

NEWS AND VIEWS FROM OUR READERS

[Publication in this department of letters from our readers does not mean that we either approve or disapprove the views expressed. We believe in a full and frank discussion of the mighty questions of the hour, for only in this way can the truth be found. Therefore we often publish letters with which we do not agree.—Editor Manufacturers Record.]

Prohibition Law of Untold Value, Though Slack Enforcement Mars Its Full Power for Good.

J. H. PIERCE, President, Law Enforcement League, Elmira, N. Y.

I desire to thank you for your pamphlet, "Prohibition Has Justified Itself." Also, for your acceptance of the challenge of the New York Times. We all know that the United States Government, after passing the laws to enforce the Eighteenth Amendment, failed to establish any adequate machinery for carrying into effect the enforcement of the same. Many of the states, New York among the number, wiped from the statute books their own laws for enforcement and practically left the entire work to the Federal courts. So far as New York is concerned, this has congested and entirely swamped the courts.

About one year ago our Law Enforcement League had arrested and brought before the United States Commissioner well toward 100 cases where the Commissioner had held the parties and accepted bail. With the other cases coming before the Federal courts, it has been impossible to try or dispose of more than 8 to 14 cases at any one term of court, with the result that there are now more than 50 cases that have not been brought to trial. This condition of affairs encourages the lawless element. Some adequate means should be provided so these cases could be promptly tried and verdicts rendered. As it is now, with the lack of adequate enforcement machinery, these cases drag on for years. The witnesses disappear, so that when the cases are finally reached there is nothing to do but to discharge the culprit.

In spite of all these handicaps, the law has been of untold value—only about one-quarter to one-third as many arrests for drunkenness, more money in the savings bank, better clothed and better fed children, more of the laboring class have every evidence of prosperity than in the former days, when the city was honeycombed with saloons.

More ample provisions should be made by the Government or state for the compensation of witnesses. To illustrate this point on local cases coming before the United States court in Buffalo, witnesses do not get enough to pay their actual expenses—i. e., traveling expenses, hotel accommodations for lodging and meals, to say nothing for time. In every one of our cases tried in Buffalo our society is obliged to pay anywhere from \$10 to \$40 to each witness, in addition to his court allowance. This state of affairs should not continue to exist. Sufficient funds should be provided by the law so that law-abiding citizens who are anxious to see the Constitution respected and the laws obeyed would not be penalized in amounts from \$25 to \$100 per case because of their efforts to have the laws obeyed. We have actually spent from our society funds, gathered from the law-abiding part of the community by subscription or membership dues, in some cases more than \$100, only to have the court fine the convicted lawbreaker the paltry sum of \$15 or \$25. This is all wrong and tends to disrespect for law and ultimately to anarchy.

In your efforts to sustain the laws framed to carry into effect the Eighteenth Amendment, can you not point out this vulnerable point and make a plea or argument for providing ample means to care for the necessary expenses of witnesses? We thank you for what you have done and hope you may continue your good work.

Views of a Descendant of the Old Pioneers on the World Court.

W. L. PICKENS, Easley, S. C.

Do the former "Allied Governments" own these United States? This is no doubt foolish question No. 9,999,999, but reading some of our daily newspapers, with their surprising spirit of "Toryism," prompts us to question thus.

As "hill-billies," we agree with you on your published strictures on the World Court and all the illegitimate offspring that harbor under its roof, and we often ask ourselves whether or not the malign spirit of a certain "old-country" newspaper owner and editor passed from the English-speaking world at his death, just a few months ago.

As citizens of a "free nation," we should get it indelibly impressed upon our minds that if we haven't sense enough to care for our national interests, no other nation on this planet will be interested to the extent of caring for them for us.

The Reds of Russia have been cursed, abused and denied recognition by our great Government, but "a still small voice" intimates that they are not any worse than are the representatives of some other states who approach our altars of freedom with smiles on their faces and with daggers of propaganda behind their backs that would destroy our national sovereignty.

Genuine Americans of the old school will never censure the MANUFACTURERS RECORD for its stand against the World Court and the other "cooties" that slyly cling under its garments.

Please accept this as a tribute from an old-time descendant of the pioneers, and from one who wishes the MANUFACTURERS RECORD an undiminished influence in things that go to make the United States the nation that shall challenge all others to ascend to the plains of true liberty and power; a nation that, as in former days, shall lead the way to true freedom without in any manner bowing the knee to "outside" influences.

The Obligations of Jury Service.

W. A. WADSWORTH, Proprietor, New South Farm, Prattville, Ala.

In a recent article in your great paper I read where a man claiming to be anxious to see the law enforced was empaneled on a jury, and for a week sat in the courthouse without trying a case because he was "struck" continuously, and he is now unwilling to offer his services as a jurymen. He is entirely wrong.

When men who are really valuable to their own business become numerous enough as jurors, most of the jurors will be good men; the defendant's lawyer cannot "strike" all the good men, and some will be left to try the case. A few years back I was "struck" for a week and never tried a case. I am not any better now than then. But last fall I helped to try several cases. And when I was "struck" a good jury was always left. You are doing a great work in your efforts to get high-class men to serve on juries. Keep at it.

Citizens of Perry, Fla., have voted \$300,000 of bonds for additional street paving and other bonds for the extension of sewerage and water systems.

THE IRON AND STEEL SITUATION

Five-Months' Production Record Established.

Pittsburgh, April 5—[Special.]—The longer the steel industry keeps up its high operating rate, the wider is the margin by which it breaks the previous records for periods of similar length, because in the past particularly high rates were reached only to be departed from. In steel ingot production the four months through February showed 2.6 per cent higher rate than the average in the best four consecutive months in the past. Merely a continuance of the rate through March would make a new record for five months by 4 per cent, but there was an increase of several per cent in March, and the estimate may now be made that production in the five months was at 5 per cent higher rate than the rate in the best five-month period previously, that having been the period February to June, inclusive, 1923.

The bulk of the steel shipped of late has been against current orders, there having been little forward buying, and sales in March ran a trifle ahead of those in February, while the movement now is fully equal to the March average. The various breaks in Wall Street, beginning March 2, have not adversely affected the steel market. In the past such breaks always did. The difference lies simply in the different kind of a steel market there has been of late. In the old days a disturbance or threat as to the future caused buyers to liquidate stocks and postpone or cancel their engagements. For a couple years or so past the steel market has been a very practical affair, "hard-boiled," so to speak, having nothing to do with "confidence" or "prospects," but dealing with actual requirements in hand. Orders for steel have been placed because the buyers needed the steel at once. If the stock market breaks indicate or suggest that business will not be as great in the second half of the year as it is in this half, that is no news to the steel industry. It could hardly expect anything else when it has been breaking records so freely.

Steel prices have been very steady, showing very little fluctuation in the past six months and none at all in the past two or three weeks. It is said that sellers employ every conceivable recourse to obtain business, except that of making price concessions. They realize that if they cannot maintain prices now their outlook for the future is not pleasant to contemplate. Steel sellers have lately acquired a courage they used to be criticised for not having.

Slightly smaller steel requirements for the automobile trade are in prospect, while the remarkable run of the agricultural-implement makers can hardly continue unimpaired through the summer, which used to be rather dull in that line. Buying of wire products and merchant pipe has increased somewhat in the past three months, but is still not up to the average on account of weather conditions, and further increases are to be expected.

Pipe mills are having a particularly good run on line pipe just now, which may or may not continue, while demand for well material is likely to increase further.

Freight-car buying has been light for three weeks, but some 29,000 cars have been bought since January 1, making fully 55,000 cars since November 1, and the business is in fair shape.

Lettings of fabricated structural steel contracts were reported at 59 per cent of fabricating shop capacity for January and 61 per cent for February, while March may be forecast at about 70 per cent.

Pig-iron, coke and scrap have continued dull.

Birmingham District Is Optimistic.

Birmingham, Ala., April 5—[Special.]—Optimism exceeds the opposite view as the second quarter of the year takes on a start, sales of iron so far made, inquiries coming in and the prospects indicating that there will be need for every ton of pig-iron manufactured in this district. The production, however, will be off as compared with the first quarter. Two furnaces are scheduled to be blown out for repairs and one will resume the manufacture of iron. It is probable that a third furnace will also go out. Other furnaces in the district need relining and will be given attention.

Less than 35,000 tons of foundry iron are on the furnace yards, and with this being cut into liberally it is not likely that there will be any iron worth mentioning left to be used where the demand is in excess of the make.

Furnace interests in the district are strictly maintaining the \$22 per ton base price on No. 2 foundry. While the statement is reiterated that some of the larger melters of iron have been buying a little iron, it is known that needs will be noted during the quarter which will require a large tonnage to fill. This buying will more than absorb the remainder of the probable make of this territory.

The greatest activity in pig-iron consumption is still with the cast-iron pressure-pipe makers, and announcements of new lettings tell of a very large unfilled tonnage. Recently heavy contracts were received from the middle and northwestern sections of the country. No stock of pressure pipe is carried and the shipments are almost equal to the make. The spring buying is up to all expectations. Opinion is expressed that the activity in this trade will continue beyond the second quarter, though so far no purchases of iron have been made covering that probable need. Negotiations were intimated under way recently which would provide for a greater tonnage of iron than has been purchased already. Furnace interests are confident that when this interest buys for the remainder of its needs the make of the second quarter under that of the first quarter will be quickly observed.

The activity in the steel market of this district continues, and many of the mills, works and shops making, using and fabricating steel are operating to capacity. The Tennessee Coal, Iron & Steel Co. is rushing out 5100 tons of 39-foot steel rail for use in Japan. Another healthy contract in which steel plays a part is an order given to the Ingalls Iron Works and the Birmingham Tank Company by the Pan-American Petroleum Corporation. The Southern Steel & Rolling Mill Co. is replacing its wooden structure with steel structure and has been shipping much of its product into Florida. New orders are again reported for the works in this immediate district producing railroad accessories.

The coal market in Alabama continues good. Renewal of contracts by the larger consumers—the railroads—is under way and the same minimum tonnages are being estimated, with the same prices as prevailed during the past 12 months to continue. The production of coal has dropped little on the turn of the weather. Opinion is expressed that the year's production in this state may be the record, a fairly good start having been made.

The coke market also is in good condition and all by-product coke plants are working to capacity. Much coke is being moved from this district on old contracts. The quotations for coke ranged around \$5 to \$5.50 per ton. Indications point to the coke demand continuing good for a long time yet to come.

The scrap iron and steel market is slow in this district, though considerable old material is due consumers. While cancellations have not been numerous as yet, instructions

have been given by melters of scrap not to rush tonnage. Heavy melting steel still holds at \$13 per ton. Dealers in old material are keeping yards well stocked and are maintaining big forces on their yards.

Pig iron and iron and steel scrap quotations follow:

PIG-IRON.

No. 2 foundry, 1.75 to 2.25 per cent silicon, f. o. b. furnaces, \$22.00 to \$23.00; No. 1 foundry, 2.25 to 2.75 per cent silicon, \$22.50 to \$23.50; iron of 2.75 to 3.25 per cent silicon, \$23.00 to \$24.00; iron of 3.25 to 3.75 per cent silicon, \$23.50 to \$24.50; iron of 3.75 to 4.25 per cent silicon, \$24.00 to \$25.00; charcoal iron, f. o. b. furnaces, \$30.00 to \$32.00.

OLD MATERIAL

Old steel axles	.....	\$18.00 to \$19.00
Old iron axles	.....	18.00 to 18.50
Old steel rails	.....	14.00 to 15.00
Heavy melting steel	.....	13.00 to 14.00
No. 1 cast	.....	17.00 to 18.00
Stove plate	.....	14.00 to 14.50
No. 1 railroad wrought	.....	12.00 to 13.00
Old car wheels	.....	16.00 to 16.50
Old tramcar wheels	.....	17.00 to 17.50
Machine shop turnings	.....	8.00 to 8.50
Cast-iron borings	.....	8.00 to 9.00
Cast-iron borings (chem.)	.....	15.50 to 16.50

Increased Pig-Iron Production in 1925.

Pig-iron output in the United States last year amounted to 36,700,566 tons, according to the American Iron and Steel Institute. This is an increase of 5,294,776, or 16.8 per cent, compared with the production of 1924, when 31,504,790 tons were produced. The production in 1923 was 40,361,146 tons, 27,219,904 tons in 1922 and 16,688,126 tons during the depression of 1921. In 1925 the South produced about 4,500,000 tons, as compared with 4,200,000 tons in 1924.

PRODUCTION OF PIG-IRON BY STATES.

	1924 Tons	1925 Tons	Per cent increase
Maine, Massachusetts, Connecticut...	2,013,673	2,187,733	8.6
New York, New Jersey	11,068,979	12,523,485	13.14
Pennsylvania	558,420	705,377	26.32
Maryland	97,739	125,325	28.22
Virginia	2,773,825	2,836,023	2.24
Alabama	568,031	651,983	14.78
West Virginia, Kentucky	137,991	110,232	*20.12
Tennessee	7,415,039	8,862,646	19.52
Ohio	2,600,864	3,604,255	38.58
Illinois	3,350,385	4,119,811	22.97
Indiana, Michigan	357,271	468,479	31.13
Wisconsin, Minnesota	463,573	505,217	8.98
Missouri, Iowa, Colorado, Utah,			
Washington			
Total	31,405,790	36,700,566	16.86

*Decrease.

Rail Output in 1925 Second Largest Since 1917.

The American Iron and Steel Institute reports a production of 2,785,257 tons of rails for 1925, which is the second largest output since 1917, but less than the production of 1913 and several previous years.

The accompanying table gives the production of rails by processes, gross tons, since 1915:

PRODUCTION OF RAILS BY PROCESSES.

	Open-hearth	Bessemer	*Rerolled	Total
1915	1,775,168	326,952	102,083	2,204,203
1916	2,269,600	440,092	144,826	2,854,518
1917	2,292,197	533,325	118,639	2,944,161
1918	1,945,443	494,193	101,256	2,540,892
1919	1,893,250	214,121	96,422	2,203,843
1920	2,334,222	142,899	126,698	2,603,819
1921	2,027,215	55,559	96,039	2,178,813
1922	2,033,000	22,317	116,459	2,171,776
1923	2,738,779	25,877	139,742	2,904,398
1924	2,307,533	16,069	109,730	2,433,332
1925	2,691,823	9,687	83,747	2,785,257

*Rerolled from old steel rails. †Includes small tonnage by electric process.

To Promote Development of Hopkinsville.

Hopkinsville, Ky.—With a capital stock of \$200,000, the Hopkinsville Foundation has been organized here to promote the industrial development of Hopkinsville and vicinity, inviting manufacturing plants and assisting in their location. A board of directors, composed of 15 business and professional men of the city, will be chosen to manage the affairs of the organization, which is empowered to subscribe for and to hold stock in companies desiring to locate here.

RAILROADS

200 LOCOMOTIVES TO COST OVER \$14,000,000.

Biggest Engine Order Given This Year Is by Pennsylvania Railroad—Other Equipment News.

The Pennsylvania Railroad Company has just placed orders for building a total of 200 freight and passenger locomotives of the heaviest patterns and representing a total expenditure of more than \$14,000,000. The Baldwin Locomotive Works of Philadelphia and Eddystone, Pa., will build 175 of the engines and the Lima Locomotive Works of Lima, Ohio, will build 25. This will doubtless remain the largest single order for motive power given this year. All are Mountain type.

Since January 1 a total of 3500 new freight cars have been delivered to the St. Louis-San Francisco Railway, and they are now in service. This constitutes the largest part of an equipment budget for \$11,000,000 authorized last October. The cars include 2000 box cars from the American Car & Foundry Co., 500 box cars from the General American Car Company, 500 automobile cars from the Mount Vernon Car & Manufacturing Co., 500 automobile cars from the Pullman Car & Manufacturing Corporation, and 14 passenger coaches from the American Car & Foundry Co.

Between April 15 and June 15 the rest of the \$11,000,000 order will be delivered, including 15 large Mikado type freight engines, 10 Mountain type passenger engines and 500 coal gondola cars. The engines are being built by the Baldwin Locomotive Works and the gondolas by the Tennessee Coal, Iron & Railroad Co.

"The very fact that we placed this large order is evidence of the steady growth and productivity of the territory served by Frisco Lines," President Kurn's statement continues. "We on the Frisco realize that this expansion has only started, and we are prepared to fulfill every demand made upon us for equipment and service. All of the equipment included in this order is of the very latest type.

Georgia, Florida & Alabama Railway has ordered 2 Mikado type locomotives from the Baldwin Locomotive Works.

Chicago, Rock Island & Pacific Railway has ordered 5 baggage cars from the American Car & Foundry Co.

Pennsylvania Railroad has ordered from the J. G. Brill Co. 2 combination passenger and baggage motor rail cars of the gas-electric type.

Large Machine to Test Draft Gears.

With a view to further increasing public safety and comfort and reducing loss and damage to shipments and to railway equipment, a thorough study of draft gears used on both freight and passenger cars is to be made by the American Railway Association to determine what improvements can be made in them. The Association has authorized an appropriation to install and house a specially constructed machine for testing draft gears in order to ascertain their capacity, absorption of recoil and endurance. From the information obtained the Association plans to prepare suitable specifications under which the railroads may purchase draft gears that are known to meet the prescribed standards of efficiency. A draft gear is the mechanism located at each end of a car and attached to the coupler which absorbs the shock that comes either from starting or stopping a train. The machine which is now being constructed will be the largest that has ever been used for this purpose.

FREIGHT TRAFFIC SAFETY INCREASE. Claims for Damage, Theft and Delay All Greatly Reduced.

Claims paid in 1925 by the railroads for loss and damage to freight shipments were the smallest on record in proportion to the amount of freight carried, according to reports just received by the freight claim division of the American Railway Association. The total loss and damage bill for the year amounted to \$38,772,097, a decrease of \$9,490,446, or 19.7 per cent, compared with 1924, and a decrease of \$57,958,279, or 59.9 per cent, compared with 1921. This was the fifth consecutive year that a decrease has been shown, and the continued reduction has been due not only to more careful handling of freight by the railroads, but also to the co-operative efforts of the employees and shippers in promoting the better packing and safer handling of shipments.

Prompt delivery of freight was responsible for the biggest reduction compared with the preceding year in the amount of loss and damage claims. In 1924 claims growing out of delay in the delivery of freight totaled \$7,607,597, while in 1925 it amounted to \$4,365,009, a reduction of \$3,242,588, or 42.6 per cent.

There also was a substantial reduction in the amount of claims growing out of robberies during 1925 compared with the preceding year, such claims in 1925 amounting to \$1,492,451, compared with \$2,333,393 in 1924, or a reduction in 1925 compared with the preceding year of 36 per cent.

Success of a Texas Line Controlled in Mexico.

Laredo, Texas, April 3—[Special.]—Offers for the purchase of the Texas-Mexican Railroad made by both the Southern Pacific and the Missouri Pacific systems have been refused by the Mexican Government, which owns 51 per cent of the stock. It is stated that the development of oil pools along the line has added enormously to its traffic and that it is now a paying part of the National Railways of Mexico, although it is operated independently. Another big advantage which the Texas-Mexican gives to the Mexican Railways is that of full membership in the American Railway Association, which carries with it valuable rights in the matter of interchange cars.

It is expected that when the prospective deep-water port at Corpus Christi, Texas, is established the line will become a valuable feeder for its parent system. It runs between Laredo and Corpus Christi, 161 miles, connecting here with the National Railways of Mexico and the International & Great Northern Railroad of Texas; at Corpus Christi with the San Antonio & Aransas Pass Railway and the Gulf Coast Lines, and at Alice with a branch of the San Antonio & Aransas Pass Railway, and again at Robstown with the Gulf Coast Lines. The country tributary to it is devoted chiefly to ranching, but agricultural development is making rapid progress and is adding to the tonnage.

Southern Pacific Improving Texas Lines.

Sanderson, Texas, April 2—[Special.]—Besides the construction of a change of a few miles in the route of its transcontinental line near Langtry, which will cost \$1,200,000, the Southern Pacific will make other important improvements to its two divisions between El Paso and San Antonio, according to H. M. Lull, chief engineer, Houston, Texas. The division terminals at Sanderson are to be enlarged at a cost of \$132,000. An addition will be made to the roundhouse, and a train-watering and fire-protecting system will be installed. A four-track reinforced concrete bridge will also be built over Sanderson Creek.

Railroad Freight Traffic Is Big.

Loading of revenue freight on the railroads in the week ended March 20 totaled 977,209 cars, according to reports filed by the carriers with the car service division of the American Railway Association. This was an increase of 65,728 cars compared with the corresponding week last year and of 68,819 cars over the corresponding week in 1924. Compared with the preceding week this year the total for the week ended on March 20 was an increase of 9798 cars, increases being reported in the total loading of all commodities except coal and coke. From January 1 to March 20 this year there were loaded 11,017,760 cars, which compares with 10,849,640 cars in the same period of 1925 and with 10,680,622 cars in the corresponding period of 1924.

Fast Freight Service to Mexico City.

Laredo, Texas, April 1—[Special.]—In conjunction with the Missouri Pacific Railroad the National Railways of Mexico will establish a fast freight service between the principal shipping centers and commercial centers of the two systems. It is stated by C. Salazar, superintendent of car service of the National Railways, that the fast freight service between Laredo and Mexico City will be established about May 1 and that the tentative schedule calls for the trip from the border to the capital to be made in 54 hours. An exchange of the fast freight trains will be made here between the National Railways and the International & Great Northern Railroad, which is now a part of the Missouri Pacific system. A similar fast freight service will be established between Matamoros and Mexican points by the National Railways and the Gulf Coast lines.

Seaboard Air Line Agreement to Get Two Roads in Georgia.

The Seaboard Air Line Railway Co., according to a report from Macon, Ga., has entered into a tentative agreement to lease the Georgia Northern Railroad and the South Georgia Railroad for the purpose of connecting them and then build an extension from the latter at Hampton Springs, Fla., to connect with the Seaboard's line to Tampa. The plan, which is in harmony with the Seaboard's recently announced broad expansion program, is subject to approval by the Interstate Commerce Commission. The Georgia Northern Railway is 67½ miles long from Boston to Albany, Ga., via Moultrie, Ticknor and Bridgeboro, and the South Georgia Railway is about 81¼ miles long from Adel via Quitman and Greenville, Ga., to Perry and Hampton Springs, Fla. C. W. Pidcock is president of the former and J. W. Oglesby is president of the latter.

Two Railroad Plans in Texas Panhandle.

Amarillo, Texas, April 3—[Special.]—To avoid the present heavy maintenance cost of that part of its line between Amarillo and Dalhart, 81 miles, the Fort Worth & Denver City Railway proposes to change its route by constructing a new road that will run north from Amarillo to the northern part of Moore county, thence west to Dalhart. Survey for the change is being made and application for the necessary permit of construction will soon be filed, it is stated. The existing line is almost entirely through the rough and barren breaks of the Canadian River, and the railroad's bridge at Tascosa is subject to periodical washouts. The proposed crossing of the river on the new route has high banks where the bridge would be far above the water.

The new line will run through the heart of the natural-gas field, where oil development also is in progress. Much agricultural development is going on both to the north and south of the Canadian River, whereas the region adjacent to the present line is unfit for farming. To make the proposed

change of line about one hundred miles of new track will have to be built.

Material is on the way and preparations are being rushed for the construction of the Rock Island system's line from Amarillo to Liberal, Kan., 147 miles. Engineers will complete arrangements for immediate construction. The line is to be laid with 90-pound steel rails, ballasted and finished up to the standard of the main lines of the system.

A Georgia Short Line Railroad Declares 100 Per Cent Dividend.

J. R. Phillips, writing from Louisville, Ga., to the MANUFACTURERS RECORD and sending a newspaper extract, says:

"The enclosed is taken from our local newspaper and will give you some slight indication of what Louisville is doing and will also demonstrate that all short-line railroads are not insolvent. Good management and a good territory will always produce results. Louisville has organized all of this traffic and with practically no manufacturing or other industrial enterprises."

The newspaper clipping referred to says that at the annual meeting of the Louisville & Wadley Railroad on March 22 a dividend of 100 per cent was declared on both the preferred and the common stock. The line is 10 miles long from Louisville to Wadley, where it connects with the Central of Georgia Railway, and it was built 40 years ago. During the readjustment period following the World War there was a deficit from operations, but since then the company, it is stated, has been able to accumulate a surplus to pay a 100 per cent dividend on all of its outstanding common stock as well as on its \$29,000 of preferred stock. Charles Molony is president and general manager.

Poor's Manual of Railroads says of this road: "Capital stock authorized and outstanding \$50,400 common and \$29,000 6 per cent cumulative preferred, par \$100. Central of Georgia Railway Co. owns the entire amount of preferred stock and \$38,700 common."

Efforts to develop new enterprises at Louisville are in progress.

Frisco's Plans to Enter Pensacola Are Rapidly Advancing.

The St. Louis-San Francisco Railroad is pushing its plans to enter Pensacola, Fla., as soon as possible. Petition will soon be filed for permission to build the projected connection from Aberdeen, Miss., to Kimbrough, Ala., linking up there with the Muscle Shoals, Birmingham & Pensacola Railroad which the Frisco lately acquired. The connection will be about 150 miles long, and, as the acquired road is 143 miles long, the distance from the connection via Aberdeen with the Frisco's main line between Memphis and Birmingham down to Pensacola will be about 300 miles.

President J. M. Kurn of the Frisco is quoted in a report from Birmingham as saying that after the Aberdeen-Kimbrough connection has been built it is also proposed to build from Birmingham to Kimbrough, probably via Selma, Ala., this to afford a direct route from the Birmingham industrial district to Pensacola. Survey is now being completed for the Aberdeen and Kimbrough route; nothing has been done yet on the other. Bids will soon be invited for the revision of the existing line of the Muscle Shoals, Birmingham & Pensacola Railroad from Kimbrough down to Pensacola, including improvement of the terminal there, and it is anticipated that the work will be under way before summer begins.

The idea of constructing a short connection to Mobile, Ala., is also in mind, but there are rumors that an agreement might be reached to use an existing line paralleling the Tombigbee River Valley—the Alabama, Tennessee & Northern Railroad, built by John T. Cochrane of Mobile and associates, connection being made with it at Aliceville, Ala.

FLORIDA'S PROGRESS UNCHECKED.

President Warfield of Seaboard Air Line Tells of Railroad and Other Work.

President S. Davies Warfield of the Seaboard Air Line Railway, who returned last week from a three-week inspection of its new construction and existing lines in Florida, says that construction of the Seaboard extension from West Palm Beach to Miami is proceeding with increasing rapidity. The citizens' right of way committee, formed at Miami, with Judge Burwell as chairman, has done excellent work and is obtaining rights of way under condemnation at reasonable cost. Mayor E. C. Romfh and the City Commission are co-operating to speed up the entrance of the Seaboard system to the city. On the other side of the state construction is also progressing satisfactorily from Fort Ogden to Fort Myers and other points on the west coast.

Concerning the widespread interest in Florida and the great development in progress throughout the state, Mr. Warfield said: "With all the efforts made to curtail the movement of people to Florida, it proceeds and will continue to proceed. The finances of the state are in excellent shape. The state administration under Governor John W. Martin is sound, progressing but conservative, and is opening by drainage vast tracts of land unsurpassed by the Valley of the Nile. The building of houses, both dwelling and business, is progressing, road building is being pushed, the 'back to the farm' movement is on its way and five to forty acre farms for agricultural development now find sale at reasonable, though substantial, prices.

"The entire Southern country is generally prosperous. The Seaboard did a record-breaking business last year, which will be surpassed this year. Traffic congestion is about relieved, with a full year's business in sight."

American Electrochemical Society Meeting.

The annual convention of the American Electrochemical Society will be held at the Chicago Beach Hotel, Chicago, on April 22, 23 and 24, arrangements for the meeting having been arranged by a local committee, of which Dr. H. C. Cooper is chairman. Beside technical papers on a chlorine symposium, which will be the main feature of the technical program, it is stated, there will be a number of papers dealing particularly with scientific aspects of the chemical and physical characteristics of chlorine.

A luncheon at noon on Thursday will be devoted to a round-table discussion, one subject being the "Proper Selection of Plating Metals." There will be two general lectures, one on Thursday evening and the other on Friday evening. On Friday morning F. M. Becket, retiring president of the Society, will deliver an address on "Modern Requirements in the Education of an Engineer," while the Saturday morning session will be devoted to papers on "Electrolytic Refining and Plating Metals."

The American Electrochemical Society has its headquarters at Columbia University, New York, with Colin G. Fink as secretary.

Judson Mills Offers \$1,000,000 of Stock.

Greenville, S. C.—An issue of \$1,000,000 of 7 per cent cumulative preferred stock, which will be known as class B, has been offered for sale by the Judson Mills. This stock is a part of \$2,750,000 additional capital recently voted by stockholders of the Judson Mills. The par value is \$100. The Alester G. Furman Co. of Greenville, S. C.; A. M. Law & Co., Spartanburg, and the South Carolina National Bank of Columbia, Charleston and Greenville are underwriting and selling the new stock.

GOOD ROADS AND STREETS

Florida's Great Ocean Boulevard.

By FREDERIC H. LANGWORTHY, Daytona Beach.

The contract for Ocean Shore Boulevard, which, it is believed, will be the most famous of Florida's many scenic highways, has recently been awarded to the C. A. C. Construction Co. of Daytona Beach, Fla., on a low bid of \$1,125,000. This project has been under consideration for several years. It is by far the largest highway project ever proposed in the region, and is of monumental consequence to the state as a whole, since it will undoubtedly direct a large volume of Florida tourist travel along the east coast instead of through the central part of the state. Florida East Coast residents estimate that fully 70 per cent of the tourist travel will flow along this highway, basing their estimate on the fact that the boulevard offers the greatest scenic possibilities, since it runs along the "first line" of sand dunes, close enough to the Atlantic Ocean to toss a pebble into the surf. Moreover, it will be a smooth, hard straightaway, with no grades and few curves—an ideal roadway for motorists.

The highway will be 41.5 miles in length, starting at the Flagler county line below Matanzas Inlet and extending south through Flagler Beach, Ormopd and Daytona Beach to Mosquito Inlet. It will be built in three units of 16.5, 13.5 and 11.5 miles, respectively, and the contract stipulates that construction must start upon all three units at the same time. A total of 490 days are allowed for completion.

The C. A. C. Construction Company will therefore start three crews at once—one just north of Flagler Beach, one near the northern city limits of Daytona Beach and one at the southern limits. Through Flagler county, the boulevard will be a 20-foot roadway without curbing, constructed of coquina rock with the Finley method treatment. Through Volusia county it will have a roadway 19 feet wide with two six-inch concrete curbs; here the top will be made of Kentucky rock asphalt with an 8-inch base of coquina rock.

Not only will the boulevard direct most of the travel along the east coast, but, in addition, it will open thousands of acres of new territory—the entire peninsula region from St. Augustine south, to which heretofore there has been no accessibility, and which was tapped by a railroad for the first time this spring. Much of the land is on the shore line, some is hammock land with great agricultural possibilities, and a large part of it contains a heavy growth of excellent timber.

The region north of Flagler Beach especially has been almost destitute of population, and the certain coming of the Boulevard, slowly though it has materialized, opens all of this "Promised Land" to building and cultivation.

J. K. Campbell, president of the C. A. C. Construction Co., was formerly connected with the Mellon-Stewart Co., building the large Classification Yards of the Erie Railroad at Marion, Ohio, and the steel city of Wilson, Pa.

Sabine River Bridge to Cost \$246,000.

Orange, Texas.—It is announced here that the Louisiana Highway Commission, Baton Rouge, has received a joint bid at more than \$246,000 from the Womack Construction Co. and the Brown-Abbott Co., Dallas and Sherman, Texas, for the construction of the steel bridge over Sabine River to connect Lake Charles, La., and Orange. According to the bid, the Texas section of the bridge will cost in excess of \$200,000, while the Louisiana portion will cost more than \$46,000. Contract will be awarded by the Texas Highway Commission, Austin, which, with the city of Orange and Orange county, will finance the entire structure.

American Road Builders Meeting.

According to an announcement by W. H. Connell, Harrisburg, Pa., president of the American Road Builders' Association, the annual meeting of the association will be held on May 14 at the Engineers' Club, New York. Preparations are being made, it is said, to entertain the largest number of delegates in the history of the association, as it is estimated that approximately 1000 active members, representing all states of the Union and Canada, will be in attendance.

Important features of the meeting will be a report of Charles M. Upham, business director of the association, and those of President Connell and Treasurer James H. MacDonald. The general meeting will convene with a banquet on the evening of the 14th, preceded by a meeting of the board of directors in the afternoon. At the meeting of the board directors will be elected to fill vacancies caused by the death of Lewis S. Louer, Chicago, and W. H. Stone, Baltimore. Plans will be discussed at the general meeting for holding the twenty-fourth annual convention and road show in 1927, at which an attendance of 40,000 is expected.

New officers to be installed include H. G. Shirley, Richmond, Va., president; S. T. Henry, Spruce Pine, N. C., vice-president; W. H. Connell, past president and ex officio member of the board of directors; F. A. Reimer, East Orange, N. J.; R. Keith Compton, Richmond, Va.; C. M. Upham, Raleigh, N. C.; William Ogden, Cleveland, Ohio, and Frank Torrance, Orillia, Wash., re-elected directors; W. H. Kershaw and C. M. Pinckney, both of New York, newly elected directors.

77 Miles in West Virginia.

Charleston, W. Va.—Sealed proposals will be received until April 20 by the State Road Commission of West Virginia for the construction of a number of road and bridge projects, the former covering a total of 77 miles. Road work will include 15 miles of concrete or bituminous macadam, 2.1 miles of brick and concrete, 3.4 miles of gravel, 33.5 miles of grading and draining, 22 miles of surface treatment and 1 mile of concrete. The first item enumerated embraces two projects of 9.3 miles and 5 miles, respectively, both located in Preston county, on which bids will be received separately or as a whole.

The commission will also receive bids for a bridge to connect Upshur and Webster counties, to consist of a steel superstructure with an 85-foot span and having a masonry substructure, and for a bridge of similar construction in Ritchie county, to have a 60-foot span.

San Antonio Paving to Cost \$300,000.

San Antonio, Texas.—Contracts have been awarded by the city of San Antonio for paving on 25 streets to cost approximately \$300,000. The Uvalde Rock Asphalt Co. secured contract for 57,000 square feet, Southwest Bitulithic Co. for 43,000 square feet and the Alamo Paving Co. for 40,000 square feet, all of these firms being of San Antonio. Plans and specifications for the work were prepared by the city engineer.

Manatee County to Sell Road Bonds.

Bradenton, Fla.—Bids for the purchase of \$1,050,000 of highway bonds will be received until April 14 by the Board of Commissioners of Manatee County at the office of the board here. An additional issue of \$230,000 for completion of the present highway system is being considered by the commissioners and a resolution calling for a special election is being prepared.

LUMBER AND BUILDING MATERIALS

Some Decline in New Lumber Business.

Washington, April 1.—The National Lumber Manufacturers Association received telegraphic reports today of the status of the lumber industry for the week ended March 27 from 372 of the larger softwood and 142 of the chief hardwood mills of the country. The 356 comparably reporting mills showed slight decreases in production and shipments and a little more noticeable decline in new business when compared with reports for the previous week, when, however, 27 more mills reported. In comparison with reports for the same period a year ago—when, again, 27 more mills reported—increases in all three items were noted, especially in shipments. The hardwood operations showed decreases in all three factors, particularly in new business, when compared with reports for the week earlier, when two more mills reported.

The 132 identical Southern Pine mills showed unfilled orders of 303,112,584 feet last week, as against 300,578,904 feet for the week before. No report for unfilled orders was received from the West Coast mills.

Altogether the 356 comparably reporting mills had shipments 99 per cent and orders 95 per cent, of actual production. For the Southern Pine mills these percentages were, respectively, 101 and 105, and for the West Coast mills 99 and 98.

Of the reporting mills the 322, with an established normal production for the week of 206,015,183 feet, gave actual production 109 per cent, shipments 108 per cent and orders 107 per cent thereof.

The following table compares the national softwood lumber movement as reflected by the reporting mills of eight regional associations for the three weeks indicated:

	Past Week.	Corresponding Week, 1925.	Preceding Week, 1926 (Revised).
Mills	356	383	383
Production	253,108,024	247,835,301	258,166,981
Shipments	251,108,956	228,072,095	254,513,993
Orders	241,655,365	232,244,501	261,426,374

The following revised figures compare the softwood lumber movement of the same eight regional associations for the first 12 weeks of 1926 with the same period of 1925:

	Production	Shipments	Orders
1926	2,750,045,053	2,968,040,989	3,049,306,150
1925	2,702,409,325	2,758,915,563	2,678,127,691

The Southern Cypress Manufacturers Association of New Orleans for the week ended March 24 reported from 16 mills a production of 4,948,872 feet, shipments 4,620,000 and orders 4,900,000. In comparison with reports for the previous week, when three fewer mills reported, this Association showed a notable increase in production, shipments about the same and a good gain in new business.

The West Coast Lumbermen's Association wires from Seattle that new business for the 106 mills reporting for the week ended March 27 was 2 per cent below production and shipments were 1 per cent below production.

The Southern Pine Association reports from New Orleans that for 132 mills reporting shipments were 1.50 per cent above production and orders 5.12 per cent above production and 3.57 per cent above shipments. New business taken during the week amounted to 73,476,720 feet, shipments 70,943,040 feet and production 69,896,769 feet. The normal production of these is 79,512,238. Of the 117 mills reporting running time 79 operated full time, 16 of the latter overtime.

The Western Pine Manufacturers Association of Portland, Ore., with five fewer mills reporting, showed some increase in production, a nominal decrease in shipments and new business about the same as that reported the week earlier.

The California White and Sugar Pine Manufacturers Asso-

ciation of San Francisco, Cal. (with nine mills closed down), reported a big increase in production, a slight increase in shipments and a heavy decrease in new business.

The North Carolina Pine Association of Norfolk, Va., with two fewer mills reporting, showed a substantial increase in production, shipments about the same and a marked increase in new business.

The Northern Hemlock and Hardwood Manufacturers Association of Oshkosh, Wis. (in its softwood production), with five fewer mills reporting, showed a heavy decrease in production, a notable decrease in shipments and a slight decrease in new business.

The hardwood mills of the Northern Hemlock and Hardwood Manufacturers Association reported from 16 mills production as 5,031,000 feet, shipments 3,430,000 and orders 2,312,000.

The Hardwood Manufacturers Institute of Memphis, Tenn., reports from 126 units production as 17,175,133 feet, shipments 19,326,372 and orders 16,287,990. The normal production of these units is 21,848,000 feet.

For the past 12 weeks all hardwood mills reporting to the National Lumber Manufacturers Association gave production 307,872,241 feet, shipments 300,528,221 and orders 314,102,745.

Common Brick Manufacturers to Advertise Broadly—Cost-Finding Laboratory Planned.

According to the monthly digest of conditions in the common brick industry, prepared by the Common Brick Manufacturers' Association of America, the industry should feel more secure as the result of steps taken at the recent annual convention of the association at New Orleans. Enumerating two significant results from that meeting, at which approximately 400 manufacturers were in attendance, representing practically every state of the Union, the digest states:

"First, the manufacturers determined unanimously upon a program of progressively building up their annual advertising campaign. The brick manufacturers arrived at the conclusion that the advertising expenditure already made is bringing a definite return, and that by increasing the expenditure they will broaden the market for their material. The first increase in the advertising appropriation is to take place in the latter half of the present year, and each year in the future will see further increases. A broad and consistent national campaign, including magazines and newspapers, will put before the American public the advantages of beauty, economy and durability of brick construction.

"The second achievement of the New Orleans meeting, which is expected to still further stabilize the brick industry, is the adoption of a resolution to install immediately a uniform cost-finding laboratory within the association. A cost-finding system is to be developed applicable to the smallest plants as well as to the largest, and this service will be given by the Association to every brick manufacturer in the country, whether a member of the Association or not."

The industry has also gone on record, states the digest, as emphatically favoring a protective tariff on building brick, declaring such protection necessary to save the industry in view of the great quantities of brick imported from Belgium and the Netherlands.

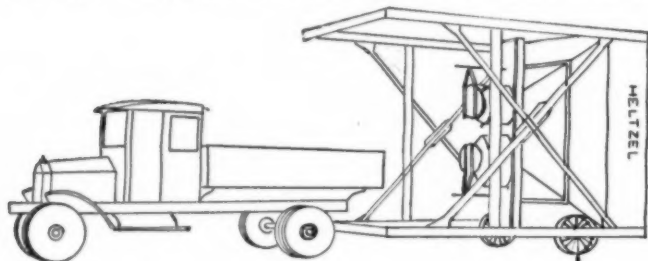
Ailanthus Experiment for Paper Making.

According to a statement by F. W. Besley, Baltimore, Maryland State Forester, two acres of ailanthus will be planted near Glenartney, on the Patapsco River, as an experiment in the cultivation of wood for the manufacture of paper. The ailanthus has been selected, it is stated, because of its rapid growth, and it is estimated that a crop of 15 cords per acre may be harvested every 15 years.

MECHANICAL

New Batcher Bin Construction.

Considerable interest has been aroused among building and road contractors by the new Trailer batcher bin brought out by the Heltzel Steel Form & Iron Co. of Warren, Ohio. Its construction is such that it can be moved completely assembled by two men without removal of the batchers. It has been transported over highways for distances of more



WEIGHT ON TRUCK
APPROX. 2000 LB
NEW BATCHER BIN AS IN USE.

LOAD PER WHEEL
APPROX 3500 LB.

than sixty miles and through congested city traffic at an average speed of 10 miles per hour.

The automatic single-control batcher is a marvel for speed, efficiency and accuracy. It is controlled by a single lever, which performs the complete operation of filling, cutting off, dumping the batch of sand and stone and closing the lower gates and opening the upper gates in less than 10 seconds. It has a batching speed of six batches per minute by one operator.

The new Trailer batcher bin is shipped completely assembled on drop-end gondola cars, and is easily unloaded or reloaded without the use of a crane. It has a riveted connection which fastens on to the frame of any make of truck. The manufacturers claim that it saves from three to four days on every move and set-up.

Improved Skimmer and Ditcher.

The Bay City 16-B excavator, which is illustrated herewith, is now made with full crawler treads, with clutches and bands slightly increased in size and with the skimmer-ditcher trip rope placed so that the operator of the machine can reach and use it, thus rendering a ground man unneces-



EXCAVATOR WITH SKIMMER BUCKET.

sary. As the builders say, it is the same as before but with full size shoes. There is increased propelling speed, positive steering, increased mobility, better traction and power applied to both treads in turning.

The crawler treads are 16 inches wide, 14½ feet long and 30 inches high. The car length is 16 feet 2 inches long, the height of the overall top clearance 11 feet 6 inches, and overall width outside of crawlers is 9 feet 1 inch.

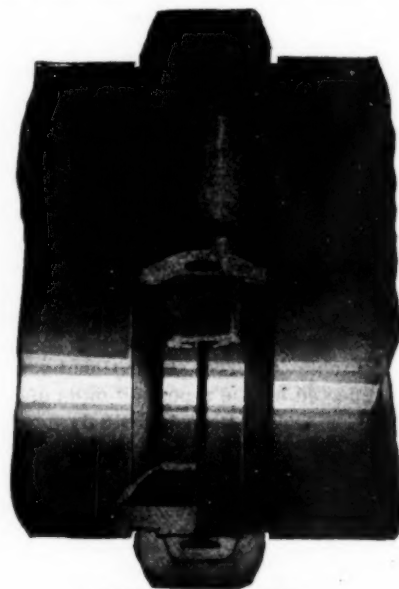
The excavator can be had with three-quarter-yard skimmer,

having manganese steel teeth and heavy 10-inch boom, or else trench scoop for ditching service. The machine is described as being compact, sturdy, fast, dependable, mobile and all parts accessible for quick adjustment. It is made by the Bay City Dredge Works, Bay City, Mich.

Improved and Flexible Pipe Joint.

In the accompanying picture is shown a new and improved design of pipe joint named "Victaulic," because it is brought out by the Victaulic Company of America, 26 Broadway, New York city. The special pipe required for its application is readily obtainable from the principal pipe mills at no greater expense than the screwed end pipe. The company has the right to manufacture and sell this joint in the United States, Canada and Mexico.

The illustration shows how the joint is applied. It is composed of two half-housings of malleable iron, two bolts and nuts, and a leak-proof flexible ring. The half-housings place and hold the leak-proof ring over the ends of the pipe and



JOINT AS APPLIED.

also unite the two pipe lengths, with allowance for clearances requisite for flexibility and expansion. In connecting up pipe the ring is stretched over the joint to be made and the housings are bolted together over it, the job being completed within two minutes' time for pipe up to and including 12 inches diameter. It is claimed that this kind of joint will successfully withstand pressures as high as 1000 pounds commercially and as high as 4000 pounds for special hydraulic work, remaining flexible and leak-tight. It has been used for five years on pipe lines conveying compressed air, water, oil, gas, brine, ammonia and sewage.

Advantages of this joint are described by the manufacturers as follows: Saving in cost of installation, no expansion joints needed, ability to take out a section of pipe without disturbing adjacent sections, and interchangeability. It is furthermore stated that pipe cannot be wrongly fitted when this joint is employed. Pipes with this joint have been very successful even when laid over rough, uneven ground, over bridges subject to vibration, and on lines which have to be moved often. It is also possible to use the joints again and again. Owing to their flexibility it is not necessary to align the pipe with great exactness. Another fact is that these joints can be fitted in almost any space; only a spanner is required to do the work. They are so simple that unskilled labor can be used.

Marsh Fork district of Raleigh county, W. Va., has voted a bond issue of \$168,000 for the construction of roads.

CONSTRUCTION DEPARTMENT

EXPLANATORY

Additional information is published about all enterprises mentioned in this department as soon as such data can be obtained.

An asterisk (*) following an item indicates that the enterprise has been reported in a preceding issue.

DAILY BULLETIN

The Daily Bulletin is published every business day to enable its subscribers to follow up promptly the industrial, commercial, railroad, financial, building and general business development of the South and Southwest. To machinery manufacturers and dealers, contractors, engineers, and others who require daily information of every new enterprise organized and details about important additions to enterprises already established, the Daily Bulletin is invaluable. Subscription price, \$30.00 a year.

Bridges, Culverts and Viaducts

Proposed Construction

Ark., Bentonville—See Roads, Streets, Paving.

Ark., Des Arc—Des Arc Bridge Co. of Little Rock, capital \$10,000, organized; Harry E. Bovay, Stuttgart; Emmett Vaughn; plans building toll bridge over White River at Des Arc, Prairie County.

Ark., Mandeville—Missouri Pacific R. R. Co., E. A. Hadley, Ch. Engr., St. Louis, plans expending \$10,000 for 2 concrete culverts south of Mandeville; replace railroad bridge.

Fla., Fort Myers—Sanibel-Captiva Bridge Assn. organized; interested in building bridge connecting Pine Island, mainland, and Sanibel Island, Lee County; J. A. Long, County Engr.

Fla., Lake Worth—Chamber of Commerce and Palm Beach County Comms., West Palm Beach, plan concrete bridge over Lake Worth.

Fla., Tampa—City, W. Leslie Brown, Mgr., received low bid from United Gas and Engineering Co., at \$397,343, for bridge over Hillsborough River at Fortune St.*

Fla., West Palm Beach—Seaboard Air Line R. R., Fred C. Elliot, Ch. Drainage Engr., plans 6 bridges in road extension from West Palm Beach through Miami, crossing 6 canals of Everglades Drainage Dist.; Miami, Hillsborough, Dania, West Palm Beach, Snake and Cypress Creeks; lift or swing type.

La., Athens—Louisiana Highway Comm., Baton Rouge, receives bids April 29 for Leathermans Creek Bridge, 1 mi. south of Athens, Arcadia-Homer Highway, Claiborne Parish; 80-ft. riveted truss span, concrete floor and abutments, 35,000 lbs. reinforcing steel, 56,000 lbs. fabricated structural steel; plans on file; W. B. Roberts, State Highway Engr.

La., Lake Charles—Louisiana Highway Comm., Baton Rouge, receives bids Apr. 29 to repair Calcasieu Bridge, on Old Spanish Trail, between Lake Charles and Westlake.*

Miss., Hattiesburg—Forrest County will build and repair bridges. See Roads, Streets, Paving.

Miss., Natchez—Vidalia Bridge & Terminal Co., and Vicksburg Bridge & Terminal Co., combined capital \$10,000,000, incorporated; Charles B. Thweatt, Pres., A. O. U. W. Bldg., Little Rock, Ark.; J. K. Riffel, Sec.; tentative plans for bridges over Mississippi River at Natchez and Vicksburg.

N. C., Black Mountain—See Roads, Streets, Paving.

Tex., Cedar Hill—Dallas County, Charles E. Gross, County Auditor, Dallas, receives bids April 22 for timber trestle overpass over Gulf, Colorado & Santa Fe R. R. Co.'s tracks, near Cedar Hill; plans from County Engr., Dallas, and State Highway Dept., Austin.

Tex., Floresville—Wilson County, C. B. Stevenson, County Judge, plans steel bridge and graded earth approach on 272 mi. Highway No. 81, across Cibola River, estimated cost \$79,000; Fred E. Hess, County Engr.

Tex., Houston—Harris County Comms., H. L. Washburn, County Auditor, receives bids April 12 for 3 bridges: On Mischke road; over South May Creek, Barker-Cypress road; on Brogren road; plans from County Engr.

Tex., Plainview—Hale County, Meade F. Griffin, County Judge, plans drainage structures on 11 mi. highway No. 9, Center to Plainview; Geo. A. Fields, Div. Engr., Lubbock.

Tex., San Antonio—Bexar County Comms., Augustus McCloskey, County Judge, received low bids for 8 reinforced concrete bridges and culverts 12 to 160-ft. long, in Precincts

Nos. 1, 2, 3 and 4; L. E. Sanders, \$95,264; Moller & Roberts, 1910 W. Huston St., \$5,359; Black & Werner, 807 Drexel Ave., \$32,023; Dielmann Construction Co., 306 E. Commerce St., \$45,331.*

Tex., San Antonio—City, John W. Tobin, Mayor, receives bids Apr. 19 to extend South Laredo St. Bridge over Alazan Creek; I. Ewig, City Engr.

Tex., San Felipe—R. H. Haynes, Fred A. Hackbarth, both Sealy, plan toll bridge over Brazos River at San Felipe.

Tex., Sanderson—Southern Pacific R. R., H. M. Lull, Ch. Engr., Houston, plans 4-track reinforced concrete bridge over Sanderson Creek.

W. Va., Clarksburg—Harrison County Court, Clair N. Parrish, Clk., receives bids April 19 for 50-ft. span concrete bridge, 18-ft. roadway, over Lost Creek, West Millford-Lost Creek road, Grant Dist.; plans from County Road Engr.

Contracts Awarded.

N. C., Newsom—Reeves Island Toll Bridge Co. let contract to R. G. Foster & Co., North Wilkesboro, for steel bridge across Yadkin River at Reeves Island, near Newsom; concrete piers.

S. C., York—York County Permanent Highway Comm. let contract to Edisto Construction Co., at \$12,549, for 5 reinforced concrete culverts on York-Sharon road.*

Tex., Galveston—Galveston County, John M. Murch, County Auditor, let contract to Johnson Construction Co., 615 San Jacinto St., Houston, at \$36,843 for Dickinson Bayou Bridge and earthwork approaches on Texas City-Kemah road.*

Clayworking Plants

Tex., Brady—J. D. McKee, 230 Argyle Ave., San Antonio, reported interested in brick plant.

Coal Mines and Coke Ovens

Ky., Artemus—Kentucky-Knox Coal Co., Barbourville, leased Dean and Jellico seams, present daily output 3 cars, contemplate increasing output.*

Mo., St. Louis—Donk Bros. Coal & Coke Co., 314 N. Fourth St., has permit for erection of 22 silos and building for general office.

Concrete and Cement Plants

Tenn., Memphis—Memphis Concrete Pile Co., capital \$50,000, incorporated; O. H. Miller, Rand Bldg.

Cotton Compress and Gins

Okla., Cowden—Cowden Farmers Union Co-Operative Gin Co., capital \$25,000, incorporated; J. L. Sheets, B. A. Morris.

Okla., Kinta—Kinta Co-Operative Gin Co., H. E. Council, Sec., will erect cotton gin; concrete floors, sheet iron roof; cost of buildings \$4000; cost of equipment \$15,000; J. C. Putatie, Constr. Engr. (See Machinery Wanted—Cotton-Gin Machinery.)*

Tex., Abilene—Taylor Gin Co., capital \$25,000, incorporated; I. Taylor, W. H. Morrison.

Tex., Delwin—Delwin and University Gin Co., capital \$75,000, incorporated; W. W. Goodwin, J. W. Goodwin.

Tex., Fate—Fate Gin Co., capital \$13,000, incorporated; R. E. Gaines, J. D. Middleton.

Tex., Greenville—Watkin Gin Co., capital \$10,000, incorporated; J. D. Middleton, G. M. Hodges.

Drainage, Dredging and Irrigation

Fla., Arcadia—G. D. and H. D. Mendenhall, Engrs., let contract to Yarbrough & Arendell of Lakeland for 250,000 cu. yds. filling and 4000 lin. ft. bulkheading along Peace River.

Fla., Bradenton—See Miscellaneous Construction.

Fla., DeLand—Blue Lake Drainage Corp., J. S. Rogers, in charge of drainage work on 80-acre tract known as "Talmadge Gardens," dredge canals connecting Blue Lake, Lake Talmadge and Miller's Lake.

Fla., St. Petersburg—Coastal Construction Co. of St. Petersburg has contract for dredging work on Treasure Island, Inc. system of islands located in Boca Ciega Bay.

La. Baton Rouge—Comms. Gravity Drainage Dist. No. 3, C. W. Flynn, Pres., R. F. D. No. 1, will dredge Hurricane Creek; open bids April 13. (See Machinery Wanted—Dredging.)*

Mo., Cape Girardeau—Little River Drainage Dist. Supvrs. will construct spillway in drainage canal spoil bank; receive bids April 19; Morgan Engineering Co., 622 Goodwyn Institute, Memphis, Tenn. (See Machinery Wanted—Spillway.)*

Tex., San Antonio—W. L. Rockwell, Irrigation Engr., filed request with State Board of Water Engrs. at Austin to use 1000 second feet of Rio Grande water to irrigate 65,000 to 100,000 acres in Maverick County.

Tex., San Antonio—Texas Central Power Co., E. B. Neiswanger, Gen. Mgr., Frost Bldg., reported will furnish power to pump water to irrigate approximately 5000 acres rice in Wharton County; will require about 60 mi. transmission line; also has contract to pump water for 15,000 acres farm land in Colorado County.

Electric Light and Power

Large sums are being expended for electric light and power work in connection with Land Development operations. Details will be found under that classification.

Ala., Birmingham—Birmingham Electric Co. will install white way system on Fifth Ave.

Ala., Crossville—Walter Weaver of Collinsville reported to establish electric light plant on Sand Mountain to serve Lathamville, Skirum, Garaldine, Dawson and Kilpatrick.

Ala., Wylam—Wylam Merchants Assn. reported interested in installation of ornamental lighting system in business district.

Florida—Fitkin Utilities, Inc., applied to Federal Power Comsn., Washington, D. C., for preliminary permit for power project in Santa Fe River in Alachua and Columbia Counties, approximate primary capacity 2200 h.p.

Florida—Pinellas County Power Co., St. Petersburg, reported to have let contract for \$9,000,000 of the \$15,000,000 1926 expansion program for electric light and power; Francis R. Weller, Mills Bldg., Washington, D. C., has been retained to assist in design and construction of contracts; have established offices at Ocala, where they will sublet contracts for approximately 300 miles of transmission lines; M. E. Mees of Mees & Mees, Johnston Bldg., Charlotte, N. C., will supervise all hydro-electric engineering; contract for this phase of work being let to Hardaway Contracting Co., Independence Bldg., Charlotte, N. C.; contract will also be let to Hoosier Engineering Co. for part of work.*

In writing to parties mentioned in this department it will be of advantage to all concerned if the Manufacturers Record is mentioned.

Fla., Benson Springs—Florida Public Service Co., controlled by General Gas & Electric Corp., 50 Pine St., New York, under financial and operating management of W. S. Barstow & Co., New York, will expend about \$4,000,000 in development of public utilities in Florida in 1926; has under construction steam generating electric station on Lake Monroe at Benson Springs, built by company's engineers on tract of 50 acres; have constructed 30 houses and 2 commissaries; power station development designed for 50,000 kw. capacity or equivalent of nearly 70,000 h.p.; total cost when additional units are added will be \$5,000,000; 132x138 ft., 75 ft. high, steel, hollow tile and stucco with gypsum roof, steel stack 11 ft. in diam., with tower 150 ft. high; will install either oil or coal burning equipment; following contracts have been let: to Belmont Iron Works, 22d and Washington Ave., Philadelphia, Pa., for building steel; 12,500 kw. capacity turbine, surface type condenser, auxiliary turbines and main transformers and switches, to Westinghouse Electric & Manufacturing Co., East Pittsburgh, Pa.; Allis-Chalmers Mfg. Co., Milwaukee, Wis., will supply motors; Power Specialty Co., 111 Broadway, New York City, super-heaters and economizers will be installed; D. Connelly Boiler Co., Cleveland, Ohio, will furnish boilers; piping furnished by B. F. Shaw Co., Wilmington, Del.; will extend distribution system.

Fla., Coral Gables—Florida Power & Light Co., 47 W. Flagler St., Miami, has acquired public utilities, including light, water and Flagler and Rapid Transit street car systems; granted franchise to company; will extend utilities to new districts of Coral Gables.

Fla., Howey—Florida Public Service Co. is installing feeder line and transformer to supply city with lights and power.

Fla., Pensacola—Alabama Power Co., Birmingham, Ala., has site for erection of substation.

Fla., Safety Harbor—City will probably grant 30 yr. franchise to Tampa Electric Co., Tampa and Cass Sts., Tampa.

Fla., St. Petersburg—North Fourth Street Development Assn. interested in installation of white way system.

Ga., Ludowici—City will install lighting plant. Address The Mayor.

Ky., Louisville—Kentucky Hydro-Electric Co., M. E. Taylor Bldg., applied to Federal Power Comsn., Washington, D. C., for preliminary permit for power project in Cumberland River near mouth of Wolf Creek; dam will be 220 ft. high, power capacity 54,000 kw.

Ky., Louisville—Louisville Hydro-Electric Co. is constructing lower arm of cofferdam for power house at Shippingport; will soon begin work on power house; Col. George R. Spaulding, U. S. District Engrs., reported to raise Dam 45 in Ohio River near Addison 10 feet; let contract for temporary cofferdam to Marsh & Truman Lumber Co., 332 S. Michigan Ave., Chicago, Ill.*

La., New Orleans—New Orleans Public Service, Inc., will install additional 30,000 kw. unit in electric generating station; work will be done by Phoenix Utility Co.*

Md., Baltimore—Consolidated Gas, Electric Light & Power Co. will erect one 3-story, one 6-story brick building S. E. corner of Gould St.; 125x135 ft., 55x57 ft.; 26x36 ft.; cost \$290,000; owner architect and builder.

Missouri—Approval of State Public Service Comsn., Jefferson City, was petitioned by Ozark Utilities Co., Rolla, and South Missouri Power Co., Greenfield, for merger of properties involving 21 light and power plants in Greenfield, South Greenfield, Golden City, Lockwood, Miller and Everton; also asks permission to issue 100,000 7½% cumulative preferred stock and \$350,000 6% 5 yr. first mortgage bonds.

Mo., Oregon—United Utilities Corp., capital \$75,000, incorporated; M. R. Martin, Chas. H. Durfee, 1710 Byers St., Joplin.

Mo., Elsberry—A. H. Latimer, Osage, Iowa, and J. W. Peterson, Cedar Rapids, Iowa, reported acquired electric light plant; will improve.

N. C., Kurphy—Ballev Oliver Construction Co., Atlanta, Ga., will install white way system.

N. C., Rocky Mount—Carolina Power & Light Co., Raleigh, reported to extend transmission lines from present terminus at Zebulon to Rocky Mount.

N. C., Wilmington—Tide Water Power Co. granted 30-year franchise by Board of Aldermen of Carolina Beach; acquired site and will construct light and power line from Wilmington to Carolina Beach; erect transformer station; will take over former electric distribution line and rebuild; Raymond Hunt, Gen. Mgr., advises that contract has been closed and material ordered for transmission line connecting company's plant with Carolina Beach; designed for future extensions and development; total cost of line, including substation, \$20,000; work by company's forces.

Oklahoma—Oklahoma Gas and Electric Co. will double capacity of Horseshoe Lake generating plant, near Oklahoma City; install additional turbine unit of 27,500 h.p., increasing installed generating capacity to 115,869 h.p.; may acquire properties of Consumers Light & Power Co., Ardmore City Gas Co. and Wilson Ice Co., supplying electric, gas and ice to Ardmore and 14 other communities.

S. C., Chester—Southern Public Utilities Co. will install outdoor transformer station.

Tenn., Chattanooga—Southern Cities Power Co., Thos. N. Greer, V.-P., reported to expend \$2,000,000 for improvements in 1926. Company advises regarding development of hydro-electric plant on Duck River: "Have not definitely decided on size and capacity of plant or how extensive development will be."

Tenn., Erwin—Golding Son's Co., Herbert P. Margerum, Pres., Trenton, N. J., and Erwin Feldspar Co., have recently purchased water power site on Nolichucky River near Erwin; are having surveys made and will later construct dam and power house for purpose of generating electrical energy for operation of 2 feldspar mills in Erwin; first installation will generate approximately 1000 h. p.

Tenn., Gainesboro—Tennessee Electric Power Co., Chattanooga, reported to extend service to Gainesboro and Granville.

Tenn., Rogersville—Holston River Electric Co. applied to State Railroad and Public Utilities Comsn., Nashville, for approval of franchise in Hawkins and Hamblen counties.

Tex., Decatur—Texas Power and Light Co., J. M. Greer, Mgr., will extend power lines into towns of Sunset, Krum and Ponder.

Tex., Port Arthur—City, J. P. Logan, Mayor, will probably extend white-way system of Fifth St. and Fort Worth Ave.

Texas—Syndicate Power Co., C. H. Alexander, Jr., Pres., Insurance Bldg., Dallas, reported filed application with State Board of Water Engrs., Austin, for development of 122,700 h. p., impounded water to be used for irrigating 100,000 acres land; construct reinforced concrete dams at Kingsland, Lampasas, near Austin, Marble Falls.

Va., Exmore—Eastern Shore Gas & Electric Co., lately acquired Exmore Light & Power Co.'s plant; will expend \$200,000 for improvements and extensions covering entire shore from lower Northampton County to Maryland line.

Va., Richmond—Virginia Electric & Power Co. will probably span James River with electric transmission line.

Flour, Feed and Meal Mills

Mo., Columbia—Boone County Milling & Elevator Co. and Broadway Milling Co. reported to form \$300,000 merger; W. W. Payne, Pres.

N. C., Greensboro—J. A. Tate & Co., capital \$25,000, incorporated; J. A. Tate, American Bank Bldg.

Foundry and Machine Plants

Ky., Lexington—Lexington Engine & Machine Co., capital \$25,000, organized; R. E. Monroe, Pres., 502 Fayette Bank Bldg.; acquired The Lexington Engine & Boiler Works; will add new departments, including repairs of automobile bodies and fenders.

Mo., St. Louis—Anchor Post Iron Works, capital \$45,000, incorporated; Leonard H. Johnson, Herbert G. Thomson, care of 1404 Federal Commerce Trust Bldg.

N. C., LaGrange—Machinery—Hardy & Newsom, Inc., capital \$250,000, chartered; H. F. Hardy, W. B. Newsom.

Okla., Tulsa—Ice Machinery, etc.—Tulsa Ice Machine Co., reported, contemplates expanding and probably erect new plant.

Tenn., Chattanooga—Hoisting Machines, etc.—Patten Manufacturing Co. merged with Street Bros. Machine Works; continue existing business.

Gas and Oil Enterprises

Ala., Opelika—Sinclair Oil Co. reported to establish bulk station; 3 bulk tanks, capacity 50,000 gals.

Ark., Fort Smith—Citizens Gas Co., capital \$150,000, incorporated; C. H. Harding, 801 S. 24th St.

Fla., Okeechobee—Gulf Refining Co. has site on River St.; will construct buildings and storage tanks, cost \$75,000.

Fla., Orlando—Florida Public Service Co., subsidiary of General Gas & Electric Corp., 50 Pine St., New York, will increase capacity of gas plant to three times present capacity, improve distribution systems.

Fla., Titusville—East Coast Gas Co. granted gas franchise; will construct pipe line.

La., Gretna—Dr Charles F. Gelbke, Mayor, granted franchise to Frank A. Reid, New York, for gas plant; Arthur E. Merchant will supervise construction work.

Fla., Winter Haven—Winter Haven Gas Co. will be organized to install gas plant; R. A. Henry, Jacksonville, interested.

Md., Baltimore—Southern Oil Co. of Maryland, 417 Title Bldg., capital \$100,000, incorporated; Edw. R. Stringer, Oliver Y. Harris.

Miss., Natchez—Southern Railway & Light Co. granted 25-yr. franchise for gas distribution; will construct 10 miles of cast iron pipe lines in city involving expenditure of \$90,000.*

Okla., Oklahoma City—Tidal Oil Co. reported to construct pipe line between Drumright and Frisco R. R.

Okla., Oklahoma City—Pawnee County Gas Co., 512 Security Bldg., capital \$100,000, incorporated; Geo. Baker.

Okla., Ponca City—Osage Royalty Co., capital \$30,000, incorporated; W. A. T. Robertson, 1043 Ponca City.

Okla., Tulsa—Roy McKee Oil & Gas Co., Atco Bldg., incorporated; Roy McKee, Joe Cleveland.

Tenn., Chattanooga—Chattanooga Gas Co. will probably extend gas service to Lookout Mountain colony.

Tenn., Memphis—Memphis Power & Light Co., Third and Madison Aves., reported to construct gas plant; Hanson & Worden, 724 Dermon Bldg., Gen. Contrs.

Tenn., Murfreesboro—Rutherford County Oil & Gas Co., capital \$25,000, incorporated; James R. Jetton, John B. Randolph.

Tex., Amarillo—Inspiration Oil Co., capital \$108,000, incorporated; H. C. Coffee, James E. Dunn.

Tex., Amarillo—Skelly Oil Co., Skelly Bldg., Tulsa, Okla., reported to expend \$1,000,000 in erection of casinghead gasoline plant in Panhandle oil field; 6 portable tanks, each with capacity of 10,000,000 cu. ft. gas daily.

Tex., Amarillo—Invader Drilling Co., capital \$20,000, incorporated; I. W. Harrison, George Uhl.

Tex., Amarillo—Palo Duro Oil Co., capital \$250,000, incorporated; C. D. Herring, S. D. McIlroy.

Tex., Houston—City may grant gas franchise to Houston Natural Gas Co.

Tex., Laredo—Kepley Oil Co. incorporated; James Kepley, Nora Kepley.

Tex., Laredo—Magnolia Petroleum Co., Dallas, reported acquired oil properties of Oliver K. Kilam.

Tex., San Antonio—Moon Oil Corp., capital \$10,000, incorporated; R. S. Carter, 634 Mission St.

W. Va., Charleston—Ten Mile Oil and Gas Co., capital \$50,000, incorporated; Alfred H. Lea, Oakwood Drive.

W. Va., Jane Lew—Rovers Run Oil & Gas Co., capital \$50,000, incorporated; H. H. Watson, Earl Goodwin.

Ice and Cold-Storage Plants

Ark., Glenwood—Glenwood Ice Co., T. H. Whitted, Pres.-Mgr., will erect new plant, 32x69 ft., frame, concrete floors, composition roof; install machinery, all furnished by Frick Co., Waynesboro, Pa.*

Ark., Norphlet—Peoples Ice Co., building 24-ton capacity ice plant, sheet iron, install \$20,000 equipment furnished by York Manufacturing Co., York, Pa.*

Ark., Pine Bluff—Judge G. B. Ewing of McGehee reported acquired controlling interests of the Consumers Ice & Coal Co.

In writing to parties mentioned in this department it will be of advantage to all concerned if the Manufacturers Record is mentioned.

Fla., Pinellas—Citizens Ice Co. contemplates building ice and cold storage plant.

Ga., Bainbridge—Bainbridge Ice Co., G. P. Goodloe, Mgr., has plans for plant improvements; include new machinery, ice tank, double storage capacity to 300 tons, operate by electricity instead of steam.

Ga., Savannah—Georgia Ice Co., W. F. Robertson, Sec., advises installing 2-ton Frick automatic refrigerating machine at Thirty-first and W. Broad St. plant; building new ice depot at E. Broad and Waldburg St. and installing Frick 2-ton automatic machine; contracts let and machinery purchased.*

Miss., Yazoo City—Yazoo Ice & Coal Co. let contract to Carlross Well Supply Co., Front and Gayoso Sts., Memphis, Tenn., for 10-in. well Cook strainer, install Cook double stroke deep well pump.

Tex., Denton—Commonwealth Utilities Co. of St. Louis, Mo., reported acquired the Rayzor Ice Co. and Crystal Ice Co.'s plants; will operate.

Tex., Panhandle—Panhandle Ice Co., capital \$30,000, incorporated; J. F. Hollcroft, J. T. Simpson.

Tex., Sinton—Texas Central Power Co., Frost Bldg., San Antonio, contemplates building \$60,000 ice plant, brick, reinforced concrete and steel; 30-ton capacity.

Iron and Steel Plants

Ala., Birmingham—Connors Steel Co., G. W. Connors, Pres., Empire Bldg., advises: Addition to our hoop and cotton tie mills consists of new continuous heating furnace, 17½ feet wide, to heat rails, 16½ feet long; use pulverized coal, two Schütz-O'Neill pulverizers being used; we are installing 3-stand 16-in. mill, motor driven by 750 h. p. Allis-Chalmers motor; rails are to be silt in three pieces on one stand, then passed by live conveyor to a 6-stand 12-in. mill, driven by 750 h. p. Westinghouse motor; little later another motor of similar type will be put on other end; live conveyor mechanical cooling beds are to be used throughout; at finishing end there will be three shears; product, ¾-in. to 1¼-in. deformed reinforcing bars, light angles from ¾ in. up to 3 in., flats from ¾ in. to 3 in., fence posts, etc.; all machinery purchased and installed.

Fla., Tampa—Tampa Steel Products Co., L. R. Finklestein, Pres., Terre Haute, Ind., reported having plans by Mitchell & Schwartz for proposed mill at Industrial City; also build approximately 25 homes for employees; Wm. R. Lewis of Indianapolis, Ind., will probably be manager.*

Ky., Ashland—The American Rolling Mill Co., S. R. Retanus, Asst. Mgr., general office Middletown, Ohio, advises: Let contract to H. W. Cox, Ashland, for new building in Ashland Division, including warehouse and shipping building 360 ft. long, with main span for 90-ft., 15-ton crane, with 40-ft. lean-to on one side and 27-ft. lean-to on other side for shipping track; structural steel frame, with brick and hollow tile walls; engineering, supervision and purchasing will be done by ourselves; practically no additional equipment required; E. N. Millan, Chief, Ashland Reconstruction.

W. Va., Weirton—Weirton Steel Co., J. C. Williams, Vice-Pres.-Gen. Mgr., reported, construct new strip mill; estimated cost \$5,000,000; manufacture materials for automobile bodies.*

Land Development

Ala., Birmingham—A. F. A. Realty Co. incorporated; Frank Abelson, 1311 N. 24th St.

Ala., Birmingham—A. Paul Goodall Real Estate and Insurance Co., capital \$10,000, incorporated; Charlie Barber, 1401 N. 25th St.

Ala., Birmingham—Hendrix Collins Anderson Realty Co. incorporated; R. C. Collins, 1120 N. 22nd St.

Ala., Birmingham—J. B. Land Co. incorporated; Elbert Jemison, 1301 Niazuma Ave.

Ala., Birmingham—Markgraf Realty Co. incorporated; Courtney S. Henley, 322 N. 21st St.

Ala., Birmingham—Cahava River Estates, Inc., capital \$20,000, incorporated; George A. Blinn, Jr., American Trust Bldg.

Ala., Huntsville—Huntsville Civitan Club reported interested in establishment of park system.

Ala., Mobile—Jim Groom Real Estate Co. incorporated; James R. Groom, 238 St. Joseph St.

Ala., Mobile—Mobile-Baldwin Land Co., capital \$10,000, incorporated; W. P. Lewis, 1359 Dauphin St.

Ala., Mobile—George Fearn & Son, Inc., Battle House, will develop 12 acre subdivision; paved streets, ornamental gateways.

Ark., Fayetteville—Dr. N. F. Drake and associates acquired 618 acres; will develop for park; construct concrete swimming pool, install disinfecting plant.

Ark., Little Rock—Little Rock School Board has plans by A. M. Lund, 2126 Arch St., for landscaping grounds of Pulaski Heights Junior High School; tennis courts, playground, natural grove forming amphitheater, storm sewers and system of drainage.

Ark., Siloam Springs—The Ozark Co., V. O. Eastland, are developing Forest Park; will begin construction in July of gravity type overflow dam and will inundate 50 acres, are clearing basin, grading swimming beaches, constructing bath houses and other buildings; V. O. Eastland, Ch. Engr. and Charles S. Martin, Asst. Engr.*

Fla., Clearwater—Old Major Investment Co., capital \$25,000, incorporated; J. K. Erback, J. J. Lawless.

Fla., Dade City—Hills Realty and Sales Co., Inc., is developing subdivision; will install water, sewers, roads and streets, electric lights, bathing beach.

Fla., Delray—Monarch Development Corp. incorporated; C. A. Aldrich, J. W. Snee.

Fla., Dunedin—Frischkorn Florida Co., E. S. Frischkorn, Pres., 301 W. Fort St., Detroit, Mich., reported to have let contract to Parsons, Klapp, Brinkerhoff & Douglas, Engrs., New York, for development of Dunedin Isles subdivision.*

Fla., Fort Lauderdale—Wimberly Properties, Inc., capital \$25,000, incorporated; S. H. Wimberly, 335 N. Cunningham St.

Fla., Fort Myers—Dixie Lee Land Co., capital \$42,000, incorporated; H. C. Crawford, Jr., W. W. Butler.

Fla., Indiantown—Arthur Brisbane and associated interests acquired 10,000 acres from The Land Company of Florida; will establish demonstration farm under direct supervision of Development Dept. of Seaboard Air Line Ry., Continental Bldg., Baltimore, Md.; The Land Co. will lay out 10,000 acres contiguous to Brisbane purchase; the Phipps interests will develop approximately 6000 acres on Lake Okeechobee at mouth of St. Lucie canal.*

Fla., Jacksonville—Palm Valley Land Co., capital \$250,000, incorporated; R. R. Millam, Florida National Bank Bldg.

Fla., Key West—Gwynn Realty Corp., capital \$100,000, incorporated; H. Gwynn, J. L. Lester.

Fla., Leesburg—Alhambra Villa Corp., capital \$20,000, incorporated; Guy C. Johnson, Sec., will develop 21 acres for subdivision; install paving, sidewalks, curbing, parks, water, lights; Service Engineering Co., Constr. Engrs., Leesburg; John J. Watson, 657 Fourth St. N., S. Petersburg, Landscape Archt.*

Fla., Miami—DeSota Beach Corp., capital \$1,000,000, incorporated; S. M. Tatum, 184 S. E. 14th St.

Fla., Miami Beach—H. A. McMahon, Inc., capital \$10,000, incorporated; H. A. McMahon, 525 Collins Ave.

Fla., Ocala—French Estates, Inc., capital \$50,000, incorporated; W. P. French, F. R. Greene.

Fla., Orlando—Alwino, Inc., capital \$42,000, incorporated; G. M. Sherman, 307 E. Amelia St.

Fla., Orlando—Florida-Carolina Development Co., Paul Cleland, Pres., 18 Wall St., will develop 211-acre subdivision in four sections Colonial, Spanish, Moorish and Tudor English; install water, sewers, electric lights, roads and streets; Warren H. Manning, Cambridge, Mass., Landscape Archt.

Fla., Punta Gorda—E. D. Keefer, 1035 Collins Ave., Miami Beach, is developing 45 acre subdivision; will install paved streets, sidewalks, water, electric lights, sewers; C. D. Jenkins Engineering & Construction Co., Constr. Engrs.*

Fla., Sarasota—Esperanza Corp. acquired 60 acres in Hyde Park Citrus development; develop subdivision; John Nolen, City Planner, Cambridge, Mass.

Fla., Sebring—Lakewood Development Corp., Vincent S. Hall, V.-P., developers of Lakewood Terraces, will be reorganized for further development work.

Fla., St. Petersburg—Ryan-Florida Corp. reported acquired 1260 acres in Pasco and Polk counties for client.

Fla., Tampa—Lee Investment Co. incorporated; W. E. Lee, S. L. Clemons.

Fla., Tampa—W. B. Clay, R. F. D. No. 5, Roanoke, Va., acquired 36 acres; develop subdivision.

Fla., Tampa—G. F. Young, Inc., capital \$150,000, incorporated; G. F. Young, Krause Bldg.

Fla., Vero Beach—Atkin & Son, Inc., capital \$20,000, incorporated; W. Atkin, A. M. Hill.

Fla., West Palm Beach—Northwood Investment Co., D. F. Dunkle, Pres., increased capital, \$300,000 to \$1,000,000.

Fla., West Palm Beach—Country Club, Inc., D. F. Dunkle, Pres., will construct tank and tower of 100,000 gal. capacity, grade and lay streets, reconstruct 18 hole golf course.

Fla., Winter Park—Eastmoreland Corp., capital \$200,000, incorporated; Hiram Powers, Pres., will develop 125 acres on East Coast Highway for country club and private estates; construct roads, club house.

Ga., Albany—Barron G. Collier, 220 W. 42nd St., New York, is developing Skywater Park, consisting of 1000 acres; will develop amusement park, with bathing and boating, hotel and clubhouse; install water, sewers, electric lights; J. L. Hoffman Co., Inc., Drawer O, Decatur, Ga., Landscape Engr. (See Machinery Wanted—Building Material; Pipe (Sewer); Pipe (Water); White Way Posts, etc.)

Ga., Albany—W. H. Williston, Atlanta, acquired 1800 acres of land, of which 900 are planted in pecans, will develop.

Ga., Americus—Peter F. Bahnsen and associates will develop subdivision.

Ga., Savannah—Isaac Silver & Brothers Realty Co., capital \$50,000, incorporated; Isaac Silver, Newman Silver, both New York.

Ga., Savannah—Arwood Apartment Corp. incorporated; Raiford J. Wood, S. Irwin Wood.

La., New Orleans—New Orleans Land Co., Whitney Bldg., are developing subdivision; will install water, sewers, gas and electric lights; will soon let contracts for streets and paving.

Md., Berlin—Isle of Wight Land Co. plans development of Maridel Beach City resort; construct 60-ft. concrete boulevard 5 miles long.

Md., Cumberland—Harry C. Long, Porter Liggold are developing 20 acres for subdivision; install water, sewers, gas, concrete sidewalks; Charles Dahler, Contr., Bedford St.; H. W. Schaldt, Constr. Engr., 20 Green St.

Miss., Gulfport—George Zerlin, Griffith Bldg., reported interested in development of subdivision.

Miss., Gulfport—Alex Lichtentag, 5422 Willow St., New Orleans, La., Pres. Aline Realty Co., Inc., reported to develop 65 acre subdivision at Pass Christian, install water, sewers, gas, electric light, telephone.

Miss., Laurel—City Commrs. are receiving bids for installation of complete set of playground equipment at Gardiner Memorial Park, including swings, ocean waves, wading pools, drinking fountain.

Mo., Kansas City—Chauviere Land Co., 1120 Walnut St., will develop 32-acre subdivision; grade streets.*

Mo., Kansas City—Claude L. Lambert Building & Investment Co., capital \$50,000, incorporated; Claude L. Lambert, 4126 Walnut St.

Mo., Kansas City—Wax Realty Co., capital \$40,000, incorporated; H. H. Gartside, 402 Continental Bldg.

Mo., Republic—James Hood reported acquired 20 acre orchard; will develop.

Mo., St. Louis—Walsh Street Realty Co. acquired 13 acres; will develop subdivision.

Mo., St. Louis—Harry Bortin, Pres. Associated Specialties, Inc., 408 Pine St., reported plans development of 22 acres in Kirkwood, Glendale and Lockwood Gardens for subdivision; build tennis courts and playgrounds.

Mo., St. Louis—Chas. G. Emerling Realty Co., 1345 S. Broadway, will develop Wabash Terrace subdivision.

Mo., St. Louis—Henry Spalding, Pres., Spalding Motor Co., 3320 Locust St., and associates reported acquired Crystal Springs Lake Park; develop amusement park; expend \$100,000 for improvements.

Mo., Trenton—Trenton Land Co., capital \$33,000, incorporated; G. M. Wolz, J. L. Nichols.

N. C., Albemarle—North State Land Development Co., capital \$1,000,000, incorporated; J. M. Boyett and others.

N. C., Asheville—Buchholz Realty Co., capital \$100,000, incorporated; G. W. Buchholz,

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Asheville: B. MacKenzie, 349 N. Elm St., Greensboro.

N. C. Asheville—Weddle Realty Co., Imperial Life Insurance Co. Bldg., incorporated; A. J. Weddle, A. C. Weddle.

N. C. Asheville—Asheville Developers, Inc., capital \$100,000, incorporated; R. R. Williams, Legal Bldg.

N. C. Asheville—Appalachian Investments, Inc., capital \$15,000, incorporated; J. B. Lansdale, H. E. Barrier.

N. C. Asheville—Summerland Realty Co., capital \$100,000, incorporated; Wm. A. Crozier, John C. Joyner.

N. C. Asheville—Equitable Real Estate Co., capital \$100,000, incorporated; Marcus Erwin, 101 Furman Ave.

N. C. Black Mountain—Black Mountain Lands, Inc., are developing Lakewood subdivision; let contract to Elliott Construction Co., Hickory, for installing 4 miles of sewer lines and 6 miles of water mains; will construct lake covering approximately 20 acres, 30-ft. dam on Tomahawk Creek; will install 4 miles of street paving.*

N. C. Brevard—Pinnix Land Co., Joseph Silverstein, Pres., will develop 700 acres for subdivision and golf course; will grade streets, install water, sewers, electric lights; C. G. Mackintosh, Contr.; C. H. Roser, Constr. Engr., both High Point; E. S. Draper, Landscape Archt., Charlotte.*

N. C. Bryson City—Augusta M. Edwards, Clearwater, Fla., will develop 400 acre subdivision; install water, sewers, electric lights, roads, 18 hole golf course, boating lake; Moore & Burns, Clearwater, Fla., and Jep & Moore, Indianapolis, Ind., Engrs.; George H. Richter in charge of architectural work.

N. C. Charlotte—Eastover Co., E. C. Griffith, Pres., 1111 N. Pegasus Street, will develop 325 acres for subdivision; E. S. Draper, Landscape Engr., Charlotte; Wilbur W. Smith, Commercial Bank Bldg., in charge of engineering.

N. C. Cramerton—Forbes Realty Co., capital \$100,000, incorporated; I. R. Forbes, T. P. Rankin.

N. C. Chimney Rock—Henderson-Mountain Lakes Co., O. Max Gardner, Pres., Shelby, has acquired 1200 acres land near Lake Lure; will develop 400 acres with lake, park and playgrounds, athletic field, mountain cascade with geyser; subdivision will include 1000 lots; construction work to begin May 1; E. S. Draper, Landscape Archt. and Engr., Charlotte, has general supervision of development and planning of property; R. D. Gladding Engineering Co., Wilson, in charge of survey and street improvements; W. N. Willis, Engr., Cleveland Law Bldg., Spartanburg, S. C., planning the dam.

N. C. Greensboro—Daniel-Stabler-Thompson, Inc., Garland Daniel, Greensboro National Bank Bldg., Pres., will develop 40 acre subdivision, install streets, sewers, water, sidewalks.*

N. C. Hendersonville—Fleetwood Gardens, Inc., capital \$50,000, incorporated; E. M. During, A. H. Dunn.

N. C. High Point—Worth Real Estate Co., J. S. Worth, Pres., is developing subdivision on Green St.; will install water, sewers, gas, pave streets.

N. C. High Point—American Land Co. will develop 30-acre subdivision west of Hillcrest.

N. C. Lenoir—Lenoir-Blowing Rock Development Co., capital \$150,000, incorporated; P. L. Wright, J. S. Dudley.

N. C. Morehead City—E. H. Gorham is developing Sunset Shores, 50 acre subdivision.

N. C. Naples—Idlewild Development Co., M. R. Hilford, Pres., will develop 230 acres for subdivision; construct dam to impound lake of 20 to 30 acres; roads, install water and light system; George Kershaw, Constr. Engr., Hendersonville.*

N. C. New Bern—Morehead Heights, Inc., capital \$25,000, incorporated; E. K. Bishop, J. S. Claypoole.

N. C. Spruce Pine—Spruce Pine Realty Co., capital \$50,000, incorporated; S. B. Cannon, Ed McBee.

N. C. Winston-Salem—H. H. Jacobs Realty Co., capital \$100,000, incorporated; Harry H. Jacobs, Nan Jacobs.

Okl., Hugo—Chamber of Commerce reported interested in development of tourist park.

S. C. Charleston—James S. Simmons, 177 E. Bay St., is developing 200-acre subdivision; will construct gravel roads, concrete sidewalks, parkways, electric lights, telephones, water mains, fire hydrants; Richard Rheet,

C. E., 29 Broad St. (See Machinery Wanted—Concrete Mixer; Wheelbarrows; Shovels; Concrete Tools.)

S. C. Greenville—Walter S. Griffin, of Cooper & Griffin, Inc., News Bldg., reported acquired 7000 acres at Murrells Inlet.

Tenn., Chattanooga—E. M. Prigmore, Hamilton National Bank Bldg., acquired 60 acres; will develop.

Tenn., Chattanooga—L. S. Daniel, 219 W. Seventh St., and associates, reported interested in development of 800 acres for subdivision in North Chattanooga; install streets, electric lights, water and sewers.

Tex., Corpus Christi—Walter Hank will develop 18-acre subdivision.

Tenn., Chattanooga—Chattanooga Estates Co., James Bldg., reported interested in development of 1000 acres in North Chattanooga.

Tenn., Chattanooga—Cherokee Realty and Trust Co., capital \$100,000, incorporated; H. A. Minor, Jr., 227 W. 6th St.

Tenn., Dyersburg—Lauderdale Land Co., capital \$20,000, incorporated; J. C. Doyle, H. Warren.

Tenn., Knoxville—Cumberland Leasing Co., capital \$10,000, incorporated; R. K. Gibson, Jr., Holston Bank Bldg.

Tex., Beaumont—E. Conway Brown Co., 318 Perlstein Bldg., E. Conway Brown, Sec., is developing 56 acres for subdivision; will install hard-surfaced streets, concrete sidewalks, ornamental lighting system, city water, light and drainage; Seifred & Throeger, Weick Bldg., Baton Rouge, La., and C. A. Tetley, 2474 Linson Ave., Beaumont, Archts.; W. F. Warfield, Box 442, Gen. Contr.; C. A. Tetley, 2474 Linson Ave., Constr. Engr.; Seifred & Throeger, Landscape Archts., Baton Rouge, La. See Machinery Wanted—Pipe (Cast Iron); White Way Posts; Pipe (Galvanized).

Tex., Beaumont—Fannin Street Realty Co., increased capital \$100,000 to \$115,000.

Tex., Harlingen—Valley Citrus Fruit Syndicate, 1141 Argyle St., Chicago, Ill., acquired 105-acre orange grove.

Tex., Houston—Ewing & Roberts reported acquired 1140 acres; will develop.

Tex., Houston—Reliance Realty Corp. incorporated; R. W. Dickerman, Ben J. Brown.

Tex., Houston—Labor Bank & Trust Co., Prairie Ave. and San Jacinto St., are developing Rice Court subdivision; will install water, sewers, roads and electric lights.

Tex., Houston—Embry & Gillette, Scanlan Bldg., are developing Shoreacres subdivision; will install water, sewers, electric lights, 18-hole golf course, bathing pier.

Tex., Houston—College View Realty Corp., increased capital \$5,000 to \$100,000.

Tex., Houston—West Mortgage & Loan Co. is developing Southdale subdivision on Bellaire Blvd.; install water, sewers, electric lights, roads.

Tex., Lufkin—Lake Myriad Country Club, N. D. Shands, Pres., will develop golf course.

Tex., Mission—J. B. Lamore, of Lamore Land Co., will develop 1200 acres for subdivision; construct concrete canals, subdivide into 5 and 10 acres, erect club house.

Tex., San Antonio—H. L. McCune, Two Republics Bldg., El Paso, reported plans construction of tourist camp.

Tex., San Benito—R. L. Malone, Roswell, New Mexico, acquired 1387 acres, will develop Hollywood-by-the-Gulf subdivision; will lay out townsite fronting Laguna Madre, polo grounds, tennis courts, 18-hole golf course; will dredge out boat basin and deepen Laguna Madre, build pier, observation tower, water, sewers, electric lights.

Va., Norfolk—Bradford Syndicate, Inc., incorporated; L. P. Matthews, Natl. Bank of Commerce Bldg., Norfolk.

Va., Norfolk—Rittmoor Corp., capital \$50,000, incorporated; J. E. Etheridge, 1225 W. Brambleton Ave.

Va., Norfolk—Cavaller Syndicate, Inc., capital \$50,000, incorporated; L. P. Matthews, Natl. Bank of Commerce Bldg.

Va., Roanoke—Acme Corporation, capital \$25,000, incorporated; Murray A. Foster, First National Bank Bldg.

Va., Winchester—North Valley Orchard Co., capital \$100,000, incorporated; Boyd R. Richards, Henry Steere.

W. Va., Arden—Boyd R. Richards, Winchester, Va., acquired 300-acre orchard.

W. Va., Madison—Madison Burial Park

Co., capital \$10,000, incorporated; W. T. Hunter, R. S. Kinder.

Lumber Enterprises

Fla., Tarpon Springs—W. R. Sparks Co. acquired 200x150 ft.; erect new lumber yard, etc.

Mississippi—Lamar Lumber Co., W. M. Scanlan, Pres., Hattiesburg, acquired band and veneer mill and 22,000 acres timber lands in Mississippi and Louisiana, on banks of Pearl River, from S. T. Alcus Co. and Alcus Lumber Co.; will develop.

Miss., Holly Bluff—Wallin Hardwood Lumber Co., capital \$80,000, incorporated; Luther Wallin, Claude Beeson.

Mo., Cape Girardeau—Home Builders' Lumber Co., capital \$50,000, incorporated; J. W. Black, M. G. Hoffman, both Corning, Ark.

Mo., Plattsburg—The Cowley-Lanter Lumber Co., capital \$21,000, incorporated; W. E. McCampbell.

N. C. Maxton—A. J. Steed Lumber Co., capital \$100,000, incorporated; A. J. Steed, R. B. Bullard.

S. C. Gilman—Savannah River Lumber Co., C. S. Brown, Supt., building \$35,000 plant, 100x250-ft., wood and steel, wood floors, galvanized iron roof, construction by owner; install \$95,000 equipment, including engines, light plant, band mill, gang, edger, slasher and trimmer. (See Machinery Wanted—Woodworking Machinery; Engines.)*

Tenn., Knoxville—D. M. Rose Manufacturing Co., Island Home Ave., has permit for fireproof dry kilns, 1-story, 150x57 ft., reinforced concrete and steel; estimated cost \$10,000.

Tex., Beaumont—W. A. Priddle Lumber Co. organized; W. A. Priddle, 675 Fifth St.; specialize in oil field, industrial and railroad lumber.

Tex., Houston—Bonita Building & Lumber Co. has permit for 10,000 lumber shed and office at Broadway and Syracuse St.; frame and stucco.

Virginia—The National Forest Comsn., W. W. Ashe, Sec., Washington, D. C., authorized purchase of 83,205 acres as additions to Eastern National Forests; of this acreage 1935 acres are in Virginia, 864 in Georgia, 7336 in Tennessee, 1494 in Arkansas, 533 in South Carolina and small areas in North Carolina and Alabama.

W. Va., Huntington—Thos. W. Silger, First St. and Third Ave., let contract to W. R. Shore, 55 W. Fourth Ave., for 60x80-ft. plant; frame, concrete floor and composition roof; install planer, matcher, resaw, rip saw, etc. (See Machinery Wanted—Woodworking Machinery.)

Mining

Fla., Eustis—Florida Diatomite Syndicate, Ralph S. Westing, 412 Tampa St., Tampa, advises: Will build plant on one of the deposits near Eustis, duplication of present plant at Clermont, which will also be enlarged; plans not completed.

Mo., Duenweg—Cynni Mining Co. incorporated; A. J. Burnham, F. E. Draper, both Joplin.

Mo., St. Louis—Granger Lead Mines Co. incorporated; John W. Estes, 5808 Maple St.

Okl., Ponca City—Ponca City Rock & Sand Co. increased capital \$10,000 to \$100,000.

Tenn., Erwin—Herbert P. Margerum, Pres., Erwin Feldspar Co., considering installation of additional grinding units.

Miscellaneous Construction

Fla., Boca Raton—Race Course—Palm Acres Racing & Polo Club, E. C. Smith, Mgr., reported will probably construct race course.

Fla., Bradenton—Harbor—Roy K. Van Camp, Commr. of Public Works, receive bids April 14 for dredging and fill, which will be beginning of \$265,000 waterfront improvement. (See Machinery Wanted—Dredging and Fill.)*

Fla., Miami—Meteor Transport & Trading Co., W. R. Callaway, Pres., advises: Have purchased 350 ft. of water frontage from the Peninsular Terminal Co. and are at this time erecting \$50,000 office building; warehouse will cost between \$60,000 and \$75,000; wharf along entire front of our property will cost \$50,000; overhead sand bins, conveyor belt and ground storage bins, which will cost about \$75,000 or \$80,000.

Fla., Miami Beach—Harbor, etc.—Carl G. Fisher, Lincoln Rd., reported interested in harbor and wharfage facilities, initial cost

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\$400,000; project calls for dock 800 ft. long, 250 ft. wide and channel 25 ft. from wharfage to government cut nearby into ocean.

Fla., Stuart—Harbor—City and Martin County interested in deep water harbor development. Address City Clerk. See Financial News—Bond Issues Proposed.

Fla., Pensacola—Docks—See Railway Shops and Terminals.

N. C., Asheville—Swimming Pool—City Comsn. receiving bids for new municipal swimming pool at Recreation Park, on Swannanoa River; 100x250 ft., bath house facilities, bathing beach, etc.

N. C., Asheville—Swimming Pool, etc.—City Comms. will construct 250x100-ft. reinforced concrete swimming pool, bathhouse, etc.; receives bids April 7; Gilbert C. White Co., Engrs., 48 College St., Asheville. (See Machinery Wanted—Swimming Pool.)

Okla., Tonkawa—Jetties—City will construct jetties on Salt Fork river bank for protection. Address City Engr.

Tex., Fort Worth—Swimming Pool, etc.—Public Recreation Board will construct two swimming pools and bath houses; estimated cost \$40,000 each; E. W. Van Slyke & Co., Archts., Reynolds Bldg.*

Tex., Fort Worth—Incinerator—City let contract to Superior Incinerator Co., Wilson Bldg., Dallas, for two incinerator plants, one at North Side and one in Arlington Heights; cost \$33,500 each.

Tex., Galveston—Incinerator—City Comsn. soon invite bids for \$75,000 incinerator at Offats Bayou; Ed. M. Owens, Commr. Public Property.

Va., Norfolk—U. S. Shipping Bd. plans expanding \$200,000 on repairs to Army Supply Base terminals; work includes new fender system on both piers, add approximately 6 mi. trackage to present system, repairs to sheds and warehouses, etc.

Miscellaneous Enterprises

Ala., Birmingham—Electrical, etc.—Mechanical Products Co., Inc., capital \$10,000, chartered; L. R. Quinn, 2109 16th Ave. S.

Ala., Birmingham—Southern Dairies, Inc., main office First and M Sts., Washington, D. C., reported, acquired The Glen Iris Dairy Co.

Ala., Dothan—Lime Cola Bottling Co., capital \$20,000, incorporated; J. T. Hardin, A. M. Pearson.

Ala., Mobile—Mobile Engineering & Specialty Co., Inc., chartered; Sherman E. Twitchell, Wm. H. Gilman.

Fla., Fort Lauderdale—D. E. Piper and associates contemplate establishing steam laundry. (See Machinery Wanted—Laundry Machinery.)

Fla., Ft. Lauderdale—Nettler Food Co., Inc., capital \$100,000, chartered; N. Friedlander, W. S. Johns.

Fla., Ft. Lauderdale—Glade Restaurants, Inc., capital \$25,000, chartered; W. E. Marshall, Marshall Bldg.

Fla., Homosassa—Construction—Harkison Building Co., Inc., capital \$75,000, chartered; J. R. Harkison, J. C. Strickner.

Fla., Miami—Dupont Baking Co., capital \$10,000, incorporated; W. C. Smith, 712 Second St., Miami Beach.

Fla., Miami—Murphy Door Bed Co. incorporated; J. M. Murrell, 200 Granada Blvd., Coral Gables.

Fla., Miami—Holloway & Dupont Dredging Co., Inc., chartered; B. F. Dupont, S. W. Second St., Ft. Lauderdale.

Fla., Palatka—Palatka Northern Steamship Co. reported will establish service between Baltimore, Md.; Brunswick, Ga., and Palatka.

Fla., Pinellas Park—The Financial Journal contemplates building new printing plant.

Fla., Punta Gorda—Gulf Shipping & Supply Co. incorporated; J. H. Oakley, W. H. Plummer.

Fla., Sarasota—Tas-Tee Ice Cream Co., capital \$10,000, incorporated; W. B. Kuhns, R. King.

Fla., Sebring—City will install electric telegraph fire-alarm system; receives bids April 27. Address City Clerk.

Fla., Sebring—City will install 400-gal. pumper equipped with two 60-gal. auxiliary water tanks, purchased from Seagrave Co., Columbus, Ohio.

Fla., Tampa—Snow White Laundry Co., capital \$50,000, incorporated; W. L. Browning, F. W. Sisson.

Fla., Tampa—Hartline Blotter Pen Co. incorporated; E. R. Dickenson, Sec., 305 S.

Boulevard; contemplates building factory, daylight type.

Fla., Tampa—Mayonnaise—Richard Hellman, Inc., of Florida, let contract to Friend & Bournier, 214 Stroval-Nelson Bldg., for \$60,000 plant, 80x150 ft., reinforced concrete, steel trusses and columns, concrete floors, composition roof.*

Fla., Tampa—Economy Fountain & Syrup Manufacturing Co., capital \$300,000, incorporated; J. W. McDonald, Sec.-Treas., 1313 Kay St.; contemplates building 100x150-ft., 2-story plant; initial output about 50 soda fountains daily.

Fla., Winter Park—City, C. Fred Ward, Mayor, let contract to Boyer Fire Apparatus Co., Logansport, Ind., for fire truck on Reo chassis.*

Ga., Columbus—Swift Manufacturing Co., Sixth St., has permit for \$15,000 plant addition.

Ga., Valdosta—Directors of Chamber of Commerce, reported, will organize company to erect building for China-American Tobacco Co.; estimated cost \$30,000.

Ky., Louisville—Pittsburgh Plate Glass Co., Main and 16th St., Frank Clark, Local Mgr., advises will not enlarge plant as lately noted; all equipped and in operation.*

La., Bastrop—Bastrop Pulp & Paper Co. reported double size of present plant; estimated cost \$2,000,000; increasing output to 120 tons daily.

La., Baton Rouge—Southern Electric Co., Inc., capital \$50,000, chartered; W. J. Albritton, Julius Wyler, Jr.

La., Monroe—Miller-Guerriero Hardware Co., Inc., capital \$25,000, chartered; Frank Guerriero, 513 Breard St.

Md., Baltimore—Clothing—The Fred A. Marcus Co., 9 S. Hanover St., incorporated; Alexander Marcus, Jacob Marcus.

Md., Baltimore—American Plumbing & Tinning Co., Inc., 1412 N. Chester St., capital \$50,000, chartered; Joseph M. Dougherty, Julius F. Sandrock.

Md., Baltimore—The Radio Service Club, Inc., 4 W. 26th St., capital \$10,000, chartered; Leonard W. Passano, F. Howard Smith.

Md., Cumberland—Queen City Glass Co., Inc., purchased property on Harlem Place; will remodel, install equipment and machinery to manufacture glassware under continuous tank process; to be ready to operate by June 1; install tanks, lehrs and all necessary finishing machinery, furnished by Chapman-Stein Furnace Co., Mt. Vernon, Ohio; National Mould & Machine Co., Clarksburg, W. Va.; A. B. Knight, J. F. Cone Co. (See Machinery Wanted—Blower Fan.)

Miss., Jackson—Capital Radio Co., capital \$10,000, incorporated; W. C. Wells, 1333 N. State St.

Mo., Kansas City—Publishing—Associated Publications, Inc., capital \$50,000, chartered; Ben Shylen, 5326 Rockhill Rd.

Mo., Kansas City—Publishing—Associated Rental Co. incorporated; H. L. Davis, 516 E. Forty-fourth St.

Mo., Kansas City—The Universal Press, Inc., capital \$25,000, chartered; Everett Roscoe Hurt, 4225 Locust St.

Mo., Kansas City—Kansas City Fuse Co., capital \$30,000, incorporated; Harry Wheeler, 3823 Highland Ave.

Mo., Kansas City—Kansas City Waste Paper Co., capital \$10,000, incorporated; Abram Traub, 3512 Baltimore St.

Mo., Kennett—Kennett Mercantile Co., capital \$30,000, incorporated; J. S. Pollock, Scott Wilson.

Mo., Marionville—Apple Growers Vinegar Co., capital \$50,000, incorporated; S. P. Liddell, B. R. Coleman.

Mo., Mexico—Continental Bag Co., incorporated; Howard J. and Birch F. Rhodus.

Mo., Mexico—Office Equipment—Mexico Bank Supply Co. incorporated; Birch F. Rhodus, Howard J. Rhodus.

Mo., St. Louis—Lincoln Theater Corp., capital \$25,000, chartered; Eli Shire, Chas. F. Shire, care of 1404 Federal Commerce Trust Bldg.

Mo., St. Louis—Greases and Oils—Dixoye, Inc., chartered; Thos. Q. Dix, 5551 Chamberlin St.

Mo., St. Louis—Construction Equipment Co., 3343 Franklin Ave., incorporated; Francis L. Gillespie, Gilbert D. Knierim.

Mo., St. Louis—Union Cap Co., capital \$100,000, incorporated; Simon Marcus, 5540 Vernon St.

Mo., St. Louis—Kriegshauser Undertaking

Co., capital \$35,000, incorporated; Geo. Kriegshauser, 4104 Manchester St.

N. C., Asheville—The Vogue Fur Storage Co., capital \$50,000, incorporated; L. Grand, 289 Merriman Ave.

N. C., Atlantic Beach, P. O. Beaufort—Transportation—Atlantic Beach Bridge Corp., capital \$150,000, chartered; C. R. Wheatley, W. A. Mace.

N. C., High Point—Safety Electric Products Corp., capital \$60,000, chartered; Herbert L. Mitchell, J. W. Slate.

N. C., Laurinburg—Laurinburg Electric Service Co., capital \$20,000, incorporated; J. H. Cobb, C. L. Jones.

N. C., Lenoir—Lenoir Manufacturing Co., capital \$100,000, incorporated; A. R. Sherrill, E. H. Killian.

N. C., Lexington—Brown Paving Co., capital \$100,000, incorporated; W. F. Brown, G. W. Mountcastle.

N. C., Reidsville—Reidsville Amusement Co., capital \$50,000, chartered; W. H. Hendrix, 807 Fifth Ave., Greensboro.

N. C., Wilmington—Advertising—E. G. Stellings Co., Inc., capital \$35,000; chartered; E. G. Stellings, Southern Bldg.

N. C., Wilson—A. L. Lancaster Co., Inc., capital \$15,500, chartered; A. L. Lancaster, 122 N. Goldsboro St.

Okla., El Reno—Oklahoma Road Machinery Co., capital \$10,000, incorporated; C. L. McHenry, A. D. Boyd.

Okla., Oklahoma City—The Road Equipment Co., capital \$100,000, incorporated; T. E. Ward, 4401 Classen St.

Okla., Oklahoma City—Green-Andrews Construction Co., capital \$20,000, incorporated; R. Joe Green, 821 E. Sixth St.

Okla., Oklahoma City—Lee-Sutley Construction Co., capital \$20,000, incorporated; C. E. Lee, 111½ S. Lee St.

Okla., Sand Springs—Polishing Compounds—Swan Products Co. of Fuskogee reported establish plant at Sand Springs.

Okla., Seminole—The Seminole Hotel Co., capital \$75,000, incorporated; Dr. M. M. Turlington, M. W. Janes.

Okla., Tulsa—Tulsa Bread Co., 604 E. Third St., reported erect addition, install additional equipment, increasing output.

Okla., Tulsa—Tulsa Paper Co., 124 E. Brady St., contemplates installing paper box factory.

S. C., Charleston—City let contract to Ahrens-Fox Fire Engine Co., Colerain and Alfred Sts., Cincinnati, Ohio, for additional fire-fighting equipment.

Tenn., Chattanooga—Chattanooga Funeral Parlor, 434 E. Ninth St., incorporated; C. L. Crowder, R. O. Horne.

Tenn., Chattanooga—Samuel Stamping & Enameling Co., capital \$100,000, incorporated, S. S. Price, 646 Vine St.; contemplates building plant; site not selected.

Tenn., Chattanooga—J. P. King Auction Co. incorporated; J. P. King, John P. Hyde.

Tenn., Chattanooga—Textile Oils and Softeners—Burkhart-Schler Chemical Co., 13th St. and N. C. and St. L. Ry., let contract to the Chattanooga Tank & Boiler Co., Main St., for plant addition; 120x60-ft., concrete, storage tanks and mixing units on steel supports, wood floors, composition roof; install \$25,000 equipment, including 10,000 gal. and 500 gal. storage tanks, sulphonation tanks, mixing tanks and paste mixers, automatic oil fired boiler, electric power; to be completed by May 1.*

Tenn., Knoxville—The St. James Hotel, capital \$26,000, incorporated; E. A. Guynes, Medical Bldg.

Tenn., Knoxville—Browning Leather Co., capital \$35,000, incorporated; J. C. Thomson, Empire Bldg.

Tenn., Knoxville—Building Materials—Peckinpaugh Co., capital \$25,000, incorporated; C. L. Peckinpaugh, 711 12th St.

Tenn., Lewisburg—City will purchase fire-fighting equipment; estimated cost \$12,000. Address City Clerk. See Financial News—Bond Issues Proposed.

Tenn., Memphis—Union Avenue Builders, Inc., Union Ave., increased capital, \$125,000 to \$250,000.

Tenn., Nashville—Rock City Electrical Co., 13 Fifth Ave., capital \$25,000, incorporated; J. Carl Campbell.

Tex., Amarillo—Western Construction Co., incorporated; F. C. Randall, O. B. Dumont.

Tex., Amarillo—Metzger Bros., Holmes St. Rd., Dallas, let contract to A. L. Randall, Amarillo, for creamery, 1-story, 48x60-ft., hollow tile; F. J. Woerner & Co., Archts., 53 Central Bank Bldg., Dallas.*

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Tex., Beaumont—John D. Gore, 835 Pearl St., let contract to H. J. Davis, 2425 North St., for \$32,000 cleaning and dyeing plant, cor. Pearl and Franklin Sts.; 1-story, fireproof, structural steel frame, metal, lumber and concrete floors; F. W. Steinman & Son, Archts., 411 San Jacinto Life Bldg.*

Tex., Breckenridge—White Star Laundry & Cleaning Co. incorporated; T. Edgar Johnson, E. L. Henkel.

Tex., Brownsville—Brazos de Santiago Pass Ferry Co. increased capital; \$10,000 to \$30,000.

Tex., Corpus Christi—Doubleday Manufacturing Co., Inc., J. S. Doubleday, Pres., Comanche St., establish plant to manufacture chemical products in winter and condiments in summer. (See Machinery Wanted—Bottles.)*

Tex., Crockett—King-Keeland Hardware Co., capital \$10,000, incorporated; C. D. King, W. E. Keeland.

Tex., Dallas—Publishing—Reorganization Securities Co. incorporated; Geo. B. Dealey, 3704 Alice Circle.

Tex., Dallas—Lake Cliff Apartment Corp., capital \$10,000, incorporated; J. B. Rucker, 4327 Rawlins St.

Tex., Dallas—Practical Drawing Co., 1911 Bryan St., increased capital \$90,000 to \$225,000.

Tex., Dallas—Toilet Articles—Ashley & Co., Inc., capital \$10,000, chartered; A. Moss Thomas, 3639 Overbrook St.

Tex., Dallas—Chico Stone Products Co., capital \$300,000, incorporated; J. D. Kugle, Kirby Bldg.

Tex., Denison—The Herald Publishing Co., J. Lee Greer, Mgr., 303-05 Woodward St., will open bids about April 20 for \$40,000 building, 43x110 ft., steel and concrete, fireproof, concrete and oak floors; install new rotary press, stereotype equipment and five typesetting machines; John Tulloch, Archt., M. & P. Bank Bldg., Sherman. (See Machinery Wanted—Printing Plant Equipment and Machinery.)*

Tex., Edna—Chamber of Commerce interested in proposed \$30,000 fig preserving plant.

Tex., Ennis—Lawrence C. Hanes Undertaking Co., capital \$18,000, incorporated; S. M. Rudolph, Lawrence C. Hanes.

Tex., Fort Worth—Pioneer Publishing Co. increased capital to \$25,000.

Tex., Greenville—Greenville Theaters, Inc., capital \$80,000, chartered; W. E. Paschall, A. W. Lilly.

Tex., Houston—J. L. Mitchell Jewelry Co., 614 Fannin St., increased capital \$30,000 to \$100,000.

Tex., Houston—Hurlburt-Still Electric Co., at San Jacinto and McKinney Sts., let contract to Irving J. Shapley, Preston and Dowling Sts., at \$16,975 for addition; to the Barber Plumbing Co., 906 San Jacinto St., for plumbing; construction to begin at once; R. D. Steele, Archt., First National Bank Bldg.; J. C. McCallip, Owner, Humble Bldg.

Tex., Huntsville—Huntsville Steam Laundry, Inc., increased capital to \$6000.

Tex., Houston—Contractors—W. L. Pearson & Co., Inc., First Natl. Bank, increased capital, \$45,000 to \$100,000.

Tex., Houston—Spears Dairy, Inc., capital \$100,000, chartered; E. J. Spears, 1414 Austin St.

Tex., Littlefield—W. T. Jones, Jr., reported erect sorghum molasses mill, daily output from 1000 to 1200 gal.

Tex., Lubbock—Hotel Lubbock Operation Co., capital \$75,000, incorporated; W. A. Myrick, Sam Arnett.

Tex., Lubbock—McIlhenny Bros. contemplate installing additional equipment in dairy plant at 1307 Avenue H. increasing capacity.

Tex., San Antonio—L. & L. Food Co. incorporated; John Lieck, Otto Luter.

Tex., San Antonio—B & H Radio Products Co., capital \$12,500, incorporated; Henry Stieler Alamo Bank Bldg.

Tex., San Antonio—Mistletoe Creameries, A. Bradshaw, Supt., 219 Austin St., reported, acquired the Taft Ranch Creamery; will continue existing business.

Tex., Vernon—Naylor Hotel Corp., capital \$25,000, chartered; S. A. Naylor, O. H. Naylor.

Tex., Waco—Mangum Laboratories, Inc., 215 S. 13th St., changed name to Gifford Co., increased capital \$10,000 to \$25,000.

Tex., Wichita Falls—Flora Cleaning & Dye Works, Inc., chartered; H. B. Van Emden, 1603 Garfield Ave.

Va., Harrisonburg—Buckeye Incubator Co.,

Springfield, Ohio, reported acquired the Newton Giant Incubator Cor. continue existing business.

Va., Arlington—Mossburg Poultry Co., capital \$20,000; Walter C. Drury, Allen Leroy Trott.

Va., Norfolk—Norfolk Tallow Co., E. L. Field, Pres., 603 Union St., plans rebuilding plant at Money Point, burned at loss of \$50,000.

Va., Norfolk—Merchandise—S. R. Chandler & Co., Inc., capital \$10,000, chartered; E. D. Herbert, Bank of Commerce Bldg.

Va., Norfolk—Standard Clothing Co., Inc., capital \$15,000, chartered; M. J. Hyman, 308 E. 26th St.

Va., Staunton—Flags, etc.—Beverly Manufacturing Co., capital \$25,000, incorporated; D. D. Jennings, Gilpin Wilson, Jr.

W. Va., Bluefield—Handkerchiefs—The Acheson Harden Co. of Passaic, N. J., reported establish branch plant.

W. Va., Martinsburg—Martinsburg Steam Laundry, Robinson & Jackson, Owners, let contract to D. C. James for new laundry building on Dater and Stephen Sts., 116x97 ft., brick, steel skeleton; install new machinery throughout; total cost about \$100,000.

W. Va., Morgantown—T. R. West Construction Co., capital \$100,000, incorporated; T. R. West, Winter Wilson.

W. Va., Mullens—Wyoming Insurance Agency, capital \$10,000, incorporated; Phillip S. Crockett, Mullens; Charles A. Tutwiller, Welch.

Motor Bus Lines and Terminals

Ark., Helena—Independent Bus Line, capital \$50,000, incorporated; Lawrence Notto, Pres.

Fla., Jacksonville—Yellow Cab Co., Van H. Boney, Pres., 126½ W. Bay St., acquired site on Caroline St.; reported erect 85x175-ft. building; approximate cost \$30,000.

Fla., West Palm Beach—Florida Bus Lines, Inc., reported will begin work on \$175,000 terminal on Evernia St. near Olive Ave

N. C., Asheville—The Asheville Power & Light Co. acquired and soon operate 7 new additional de luxe passenger buses.

N. C., Elkins—Elkins-Alleghany Bus Line, Inc., capital \$50,000, chartered; J. W. Arnold, M. M. Mayberry.

Okla., Woodward—The D. B. M. Transit Co. extend motor-truck service to Guymon.

Tenn., Knoxville—Southern Motor Coach Co. reported erect \$50,000 bus terminal in North Knoxville; site not selected.

Tenn., Nashville—Nashville-Chattanooga & St. Louis Ry. authorized to establish motor bus service on Tracy City branch, between Cowan and Coalmont, about 26.8 mi., to take place of passenger trains.

Tenn., Nashville—N. C. and St. L. Motor Transport Co., capital \$500,000, incorporated; J. B. Hill, Nolensville Park, and associates; to take place of train service of Tracy City branch.

Va., Alexandria—Robert L. May of Barcroft, Prop., of Alexandria, Barcroft & Washington Rapid Transit Line, acquired the Alexandria Suburban Motor Vehicle Co.; will operate.

W. Va., Huntington—Interstate Transportation Co., operating bus lines between Charleston, W. Va., and Columbus, Ohio, contemplates making improvements, also purchasing additional buses; probably establish service between Huntington and Portsmouth, Ohio.

Motor Cars, Garages, Filling Stations

Ala., Birmingham—Transportation Holding Co., capital \$20,000, incorporated; W. H. Brantley, First Natl. Bank Bldg.

Ala., Birmingham—Tinker Auto Top Co., Inc., chartered; Lloyd G. Bowers, Age-Herald Bldg.

Ala., Pell City—Auto Service Co., incorporated; H. M. Starnes, W. J. Smith.

Fla., Tampa—E. H. Cadie, Lisbon Ave., has permit for \$25,000 filling station.

Ala., Sheffield—Muscle Shoals Automobile Corp., capital \$25,000, chartered; Claud B. Barrett, Mgr.

Md., Baltimore—Drew Motors, Inc., 1205 Fidelity Bldg., capital \$200,000, chartered; Harold W. Drew, Graham E. Brogan.

Mo., Kansas City—Automobile Accessories—A. J. Stephens Co., 1423 Chestnut St., capital \$250,000, incorporated; A. J. Stephens.

Mo., St. Louis—Raymond Garage, Inc., 3740 Sullivan Ave., will erect \$60,000 building; reinforced concrete, 1-story, 32,000 sq.

ft. floor space, concrete roofing; begin construction in about 10 days; install air compressor, motors, battery equipment, repair shop equipment, etc. (See Machinery Wanted—Air Compressor; Motors; Battery Equipment; Garage Equipment.)*

N. C., New Bern—Trent Motor Co., capital \$50,000, incorporated; L. McLawhorn, J. Hay Jones.

N. C., New Bern—Motor Service Club, Inc., capital \$100,000, chartered; H. W. Civilis, New Bern; G. A. Banks, Arapahoe.

N. C., Tryon—Tryon Motor Co., capital \$25,000, incorporated; W. W. Walker, Wm. C. Allison.

N. C., Winston-Salem—W. N. Reynolds and R. E. Lasater, Box 1145, will erect automobile storage garage on Main and Church Sts.; 4-story, 160x200 ft., reinforced concrete, fireproof; concrete floor and roof, with ramps leading from top to bottom; capacity 500 cars; estimated cost \$200,000; Northup & O'Brien, Starbuck Bldg., Archts.-Engrs., Winston-Salem; open bids about May 1.*

Okla., Bristow—Post Office Filling Station, capital \$15,000, incorporated; Cecil W. Rinehart, Joe Britten.

Okla., Oklahoma City—Peltier & Fitzgibbons, 208 W. Fifth St., have permit for \$14,000 service garage.

Okla., Tulsa—Tidal Oil Co., 608 S. Cheyenne St., has permit for \$15,000 addition.

Okla., Watts—Magnolia Petroleum Co., P. M. Drake, Supt., erect filling station; purchased site from R. E. Oglesby.

S. C., Clio—Marlboro Chevrolet Co., capital \$10,000, incorporated; J. H. Bennett, O. C. Plaxico.

Tex., Amarillo—Davis Auto Parts Co., capital \$75,000, incorporated; C. D. Davis, Henry Neal.

Tex., Amarillo—Ramming-Lampe Motor Co., capital \$25,000, incorporated; R. W. Ramming, W. F. Lampe.

Tex., Austin—O. O. Norwood reported let contract to Frank Barron, 4411 Guadalupe St., for \$140,000 garage, 4-story, 80x106-ft., with wing 46x80-ft.; brick, stone, reinforced concrete, fireproof; circular ramps instead of elevators; Gliesecke & Harris, Archts., 207 W. 7th St.*

Tex., Beaumont—J. H. Reese, 1810 Calder Ave., receiving bids for 1-story, 50x130-ft. garage, steel frame, metal sides; Livesay & Wiedmann, Archts., 607 San Jacinto Life Bldg.

Tex., Beaumont—The Ira Jones Tire Co., 824 Liberty Ave., will soon begin construction of \$15,000 building on Liberty and Alamo St.; 1-story, mezzanine floor, 50x113 ft.; install all modern facilities.

Tex., Corpus Christi—Demountable Batteries Co. of Dayton, Ohio, reported erect branch plant, permanent construction.

Tex., Dallas—W. J. Kain, Mercantile Bank Bldg., let contract to Fred C. and C. F. Peterman, Mercantile Bank Bldg., for \$40,000 garage, 3-story, 50x100-ft., brick, steel and mill construction.

Tex., Del Rio—Adams Motor Co., O. G. Bell, Owner, contemplates building automobile sales room and warehouse; brick, hollow tile and reinforced concrete; plumbing and electric wiring.

Tex., Fredericksburg—Standard Motor Co., capital \$10,000, incorporated; E. H. Apelt, Walter Loudon.

Tex., Houston—John W. Sanders, Yoakum and Lovett Sts., has permit for \$60,000 garage and filling station at 426 Austin St.; concrete, hollow tile and brick.

Tex., Kingsville—C. D. Johns let contract to Gunderman & Allen of San Antonio for garage building.*

Tex., Rule—Universal Motor Co., capital \$16,000, incorporated; R. S. Lesage; M. K. Graham.

Tex., San Antonio—Western Motor Corp., chartered; I. Bankler, 2014 Jones St.

Tex., San Antonio—J. B. Wilson Garage, 712 N. St. Marys St., let contract to Chas. Brient for 1-story addition, brick and concrete; L. Harrington Co., Engrs. and Archts., both Builders Exchange Bldg.

Tex., San Marcos—E. S. Sutton contemplates building automobile house on W. Hopkins St.; estimated cost \$50,000; David Donaldson, Archt.; soon call for bids.

Tex., Victoria—H. A. Abshier of the Abshier Auto Sales Co. will erect 55x138-ft. addition to garage on E. Constitution St.; hollow tile and stucco.

Va., Lynchburg—Automobiles—Overstreet-Padgett, Inc., capital \$15,000, chartered; J. W. Overstreet, 1402 Main St.

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W. Va., Martinsburg—Auto Parts Co., capital \$10,000, incorporated; C. E. Deveny, E. B. Carter.

Railway Shops and Terminals

Fla., Indiantown—Seaboard Air Line Ry., S. Davies Warfield, Pres., Continental Bldg., Baltimore, Md., will establish division headquarters; propose building roundhouse, shop divisional offices and precooling plant, also facilities for handling traffic expeditiously.*

Fla., Pensacola—St. Louis, San Francisco Ry., J. M. Kurn, Pres., St. Louis, Mo., reported plans reconditioning docks, also making improvements along Muscle Shoals, Birmingham & Pensacola Railroad.

Tex., Cleburne—Gulf, Colorado & Santa Fe Ry. Co., F. Merritt, Chief Engineer, Union Depot Building, Galveston, let contract to Anderson Brothers, 500 N. Cotton St., El Paso, for general construction work on six new buildings; Donnelly & White, 905 Congress Ave., Austin, plumbing and heating; structural steel work will be done by construction department and general construction work completed by contractors; installation of electric power machinery and wiring work by company forces; contract calls for boiler and blacksmith shops, fine shop, switchboard building, lavatory, pattern storage building and 2 small flue storage houses; concrete foundations, structural steel columns, concrete floors with creosoted wood and trap rock wearing surfaces; estimated cost \$500,000; contracts do not carry any machinery; heating contractor will furnish all material entering into his work; railway company will purchase and erect with own forces; general contractor performing balance of work on shops; railway company will purchase and furnish structural steel trusses for flue shop; general contractor will erect with own forces; on balance of buildings the general contractor will purchase all necessary materials.

Tex., Sanderson—Southern Pacific Co. (Texas Lines), H. M. Lull, Ch. Engr., Houston, reported expend \$132,000 enlarging division terminals, build addition to roundhouse, install train watering and fire protecting system, etc.

Roads, Streets and Paving

Large sums are being expended for roads, streets and paving in connection with Land Development operations. Details will be found under that classification.

Proposed Construction

Alabama—State Highway Comn., Montgomery, receives bids May 19 to improve 4 roads: Macon County, pave 1.04 mi. between Tuskegee and end of Federal Aid Project No. 92, 10,988 sq. yd. one course plain cement concrete; 10,378 sq. yd. 2-in. bituminous concrete; Dallas County, 3 mi. gravel between Selma and Clanton, 1682 lbs. reinforcing steel and 1800 lbs. structural steel in bridges; Pickens County, 13.79 mi. gravel, Aliceville to Dancy, 146,241 cu. yd. excavation and borrow; 50,173 lbs. reinforcing steel, 35,975 cu. yd. gravel surfacing, 18,37 mi. grading and draining from end of Federal Aid Project No. 82 to bridge over Warrior River, on Decatur-Birmingham Highway via Cullman and Garden City, 20,797 cu. yd. excavation and borrow, 48,727 lbs. reinforcing steel in culverts, 77,000 lbs. reinforcing steel in bridges; plans on file and from Div. Engr.; W. A. McCalla, State Highway Engr.

Ala., Birmingham—Jefferson County Board of Revenue plans highway from Birmingham to Bessemer, via 3d St.

Ala., Birmingham—City plans paving Third Ave., Woodlawn; A. J. Hawkins, City Engr.

Ala., Fairhope—City, I. M. Galbraith, Mayor, plans about 3½ mi. curbs and gutters, and several miles sidewalks.

Ala., Mobile—Eastern Shore Boulevard Assn., Wm. McIntosh, Pres., interested in building boulevard down eastern shore Mobile Bay from new bridge head to Gulf of Mexico and connecting with Florida.*

Ark., Bentonville—Benton County Comms., George M. Whitely, Road Commr., plan road from Jefferson Highway, 5 mi. west of Eureka Springs, to Benton County Highway; also bridge over White River at Fish Trap Hollow.

Fla., Clearwater—Pinellas County Comms., plans receiving bids to hard surface 2 roads: ¾ mi. road, Dist. N. 4, Ozona; road in Dist. No. 5, near Tarpon Springs; C. E. Burleson, County Engr.

Fla., DeFuniak Springs—Walton County Comms., plan building and completing about 275 mi. roads, including State Roads, Nos. 40 and 60, from Alabama line, through DeFuniak Springs, cost \$1,000,000. Financial News—Bond Issues Proposed.*

Fla., Fernandina—City Comsn. plans paving Center St., from end of present paving to city limits; Eighth St. to Jacksonville highway.

Fla., Inverness—Citrus County Comms., plan building and improving thoroughfares in county, including 7 mi. between Inverness and Withlacoochee River; 6 mi. Grover Cleveland Blvd., Homosassa to Brooksville road; cost \$2,000,000. See Financial News—Bond Issues Proposed.

Fla., Palm Beach—City, Trevette Lockwood, Mgr., plans sidewalks and street widening, including Ocean Blvd. See Financial News—Bond Issues Proposed.*

Fla., St. Augustine—State Road Dept., Tallahassee, plans hard-surfacing State Road No. 4, through St. John's County; Fons A. Hathaway, Chmn.

Fla., Sanford—State Road Dept., F. A. Hathaway, Chmn., Tallahassee, receives bids April 28 for 14.2 mi. grading and drainage structures in Seminole County; plans on file; J. L. Cressap, State Highway Engr.

Fla., St. Petersburg—City, Ernest Kitchen, Director of Public Works, plans improving 8 mi. Sixteenth St., Lakeview Ave. to County Road No. 8.

Fla., Sebring—City plans widening various streets, and 11 mi. boulevard around Lake Jackson; E. M. Clawson, City Engr.

Fla., West Palm Beach—Palm Beach County Comms., contemplate widening and building 3 roads: Military Trail to 32 ft., estimated cost \$5,500,000; widen Ocean Blvd., and build Chosen, Torrey Island-Kraemer Island road; total cost \$10,000,000. See Financial News—Bond Issues Proposed.

Fla., Winter Haven—City Comn., may build 1 mi. 60 ft. boulevard, from Third St. to Laurel, to Eloise Loop road.

Ga., Albany—City, C. Q. Wright, Mgr., plans 10 additional blocks street paving.

Ga., Columbus—Muscooke County plans 4 mi. sheet asphalt on clay-gravel foundation, Cusseta road, from point near Bull Creek to Chatahoochee line at Upatoi Creek; C. L. Rhodes, County Engr.

Ga., Eastman—City, M. C. Edwards, Mgr., receives bids May 5 for 23,000 sq. yd. concrete paving, 9500 lin. ft. granite curbing, 10,000 sq. yd. concrete sidewalks, manholes, catch basins, etc.; plans on file and from W. M. Crook, Engr., 534 Washington Ave., Macon.

Ga., Forsyth—Indian Springs-Fruitland Highway Assn., organized; Hugh Hardin, Chmn., Forsyth; plans 60 mi. highway from Logansville to Americus, via Covington, Jackson Indian Springs, Forsyth, Knoxville, Fort Valley, Montezuma.

Ga., Jackson—City Comms., plan paving streets in business and residence sections.

Ga., Newnan—City plans street paving, cost \$50,000. Address City Clk. See Financial News—Bond Issues Proposed.*

Ga., Tifton—State Highway Dept., East Point, receives bids for 2.17 mi. concrete paving, National Highway, south of Tifton, El Dorado to Tift County line.

Ky., Cynthiana—Harrison County plans rebuilding state-aid roads, cost \$600,000. Address County Comms. See Financial News—Bond Issues Proposed.

Ky., Flemingsburg—Fleming County Comms., plan 50 mi. state-aid roads, cost \$1,000,000. See Financial News—Bond Issues Proposed.*

Ky., New Castle—Henry County Fiscal Court plans road building. See Financial News—Bond Issues Proposed.

Louisiana—Louisiana Highway Comn., Baton Rouge, receives bids Apr. 27 for 2 roads: Pointe Coupee Parish, furnish gravel and build 4.943 mi. Livonia-Opelousas Highway, from top of levee on east side Atchafalaya River, at Krotz Springs, to gravel road at Elliott City; Washington Parish, 7.07 mi. Franklinton-Covington Highway, St. Tammany-Washington Parish line, about 5½ mi. north of Folsom to gravel road leading to Franklinton; plans on file; W. B. Robert, State Highway Engr.

La., Baton Rouge—City Comn., receives bids April 12 for 12,450 sq. yd. 2-in. Warrenite bitulithic on 5-in. concrete base; 6990 lin. ft. straight curb and gutter; 20 catch basins; plans from J. W. Billingsley, Conslt. Engr.

La., Edgard—Louisiana Highway Comn., Baton Rouge, receives bids April 27 for 5.1 mi. Hammond-New Orleans Highway, from

south end of present roadway near Frenier to crossing of Illinois Central R. R. at La-Branch, St. John the Baptist and St. Charles Parishes; plans on file; W. B. Roberts, State Highway Engr.

La., Jennings—Louisiana Highway Comn., Baton Rouge, receives bids Apr. 27 to build and furnish gravel for 5.21 mi. Lake Charles-Lake Arthur Highway, Jefferson Davis Parish, from point southeast of Mayville gravel road 3 mi. south of Hayes; plans on file; W. B. Robert, State Highway Engr.

Maryland—State Roads Comn., 601 Garrett Bldg., Baltimore, receives bids Apr. 20 for 8 roads: Carroll County, 1 mi. concrete, Taneytown toward Pennsylvania State line, Cont. Cl-26; Harford County, 1 mi. concrete between Jarrettsville and Federal Hill, Cont. H-49; 1.27 mi. concrete between Dublin and Whiteford, Cont. H-47; Wicomico County, 1 mi. concrete, Salisbury to Snow Hill, Cont. W-35; Montgomery County, 3.35 mi. concrete shoulders along Seventh St. pike, between D. C. line and Norbeck, M-10-C; Anne Arundel County, 4.95 mi. concrete shoulders along Annapolis Blvd. between Mountain road and Annapolis, Cont. AB-1-B; Prince George's County, 4.72 mi. concrete shoulders and resurfacing between D. C. line and Meadows, Cont. P-3-A; Worcester County, 4 mi. concrete shoulders between St. Martins and Berlin, Cont. W-5-B; L. H. Steuart, Sec.; John N. Mackall, Chmn.

Maryland—State Roads Comn., 601 Garrett Bldg., Baltimore, received low bids for 9 roads: Howard County, 2.69 mi. concrete, Lisbon to Florence, M. J. Grove Lime Co. Marine Bank Bldg., Lime Kiln, \$54,224; Baltimore County, 2.27 mi. concrete, Baldwin to Sweet Air, H. T. Campbell Sons Co., Towson, \$52,876; Anne Arundel County, .91 mi. concrete along Church St., Annapolis Blvd. to city line, Ward & O'Connell, New Amsterdam Bldg., Baltimore, \$15,029; Queen Anne's County, 1 mi. concrete between Queen Anne and Starr, P. D. Phillips & Bros., Salisbury, \$16,836; Caroline County, .95 mi. concrete, Federalsburg to Delaware State line, P. D. Phillips & Bros., \$15,163; Somerset County, 1.7 mi. concrete, Princess Anne to Deals Island, Roberts Paving Co., \$59,447; Frederick County, 6.8 mi. concrete shoulders along National Pike, Braddock Heights to South Mountain, M. J. Grove Lime Co., \$47,432; Montgomery County, 5.33 mi. concrete shoulders, Rockville to Gaithersburg, Gosnell, Russell Co., Frederick, \$36,187.*

Maryland—State Roads Comn., 601 Garrett Bldg., Baltimore, receives bids April 13 for 7 roads: Garrett County, 2.05 mi. concrete, Red House to West Virginia line, Cont. G-34; Carroll County, 1 mi. concrete, between Mt. Airy and Taylorsville, Cont. Cl-56; Calvert County, 1.69 mi. gravel, between Sandy Bottom and Plum Point, Cont. C-23; Queen Annes County, 1.35 mi. concrete, between Pottstown and Dudley's Corner, through Sudlersville, Cont. Q-36; Montgomery County, 2.4 mi. concrete shoulders, between Gaithersburg and Henderson's Corner, Cont. M-6-A; Howard County, 5.2 mi. concrete shoulders between Ellicott City and Elloak, Cont. Ho-7-A; Wicomico County, 4.51 mi. concrete shoulders and resurfacing Parsonsburg to Willards, Cont. W-6-B; L. H. Steuart, Sec.; John N. Mackall, Chmn.

Md., Baltimore—City, Howard W. Jackson, Mayor, plans paving with cement Memorial Plaza, between City Hall and War Memorial; Steuart Purcell, Highways Engr.; Joseph W. Shirley, Chmn., City Plan Committee.

Md., Baltimore—Board of Awards, Howard W. Jackson, Mayor, received low bid from Arundel Construction Co., Kneckerbocker Bldg., to pave alleys in Alley Cont. No. 118, estimated cost \$39,640; Aiello Construction Co., Fourth and Gough Sts., to pave with concrete streets in Street Cont. No. 320; Baltimore Asphalt Block & Tile Co., Monroe and Lorman Sts., to pave streets with sheet asphalt, Cont. No. 321; American Paving & Contracting Co., Montebello Ave. and B. & O. R. R., nave streets with sheet asphalt, Cont. No. 322.*

Md., Baltimore—Board of Awards receives bids Apr. 14 to grade, curb and pave with 26,000 sq. yd. sheet asphalt streets in Cont. No. 326; 19,630 sq. yd. cement concrete, Cont. No. 327; 12,860 sq. yd. sheet asphalt, Cont. No. 328; grade and pave with cement concrete alleys in Alley Cont. No. 119; grade and pave with cement concrete footways in Footway Cont. No. 91; plans on file; Steuart Purcell, Highways Engr.; B. L. Crozier, Ch. Engr.; Howard W. Jackson, Mayor.

Md., Towson—Baltimore County Comms., John R. Haut, Ch. Clk., receives bids April 13 to improve 3 roads: 2000 ft. sheet asphalt, and concrete shoulders, Fifth Ave., Snyder Ave., east; 1000 ft. sheet asphalt, and con-

In writing to parties mentioned in this department it will be of advantage to all concerned if the Manufacturers Record is mentioned.

crete shoulders, Leeds Ave., from end of present sheet asphalt; 1000 ft. concrete shoulders on Edmondson Ave., from entrance to Mount De Sales Academy, west; plans from Samuel A. Green, Roads Engr.

Miss., Hattiesburg—Forrest County Board of Supvrs., receives bids Apr. 22 for 3 sections roads totaling 5.7 mi., bridges over 20-ft. span and repairing Leaf River Bridge; 45,237 cu. yd. excavation and borrow, \$9,993 lbs. reinforcing steel, 9558 lbs. structural steel, 146,729 ft. creosoted lumber, 60,505 sq. yd. one course concrete, sheet asphalt, Warrenite bituminate base, brick on gravel base; plans from State Highway Dept., Jackson, and Chancery Clk., Hattiesburg; H. C. Dietzer, State Highway Engr.

Miss., Hattiesburg—Board of Supvrs., Herbert Gillis, Clk., and Paving Dist. Comm., T. M. Thornton, Chairman, receives bids Apr. 22 for paving and maintaining .9290 sq. yds. Edwards St.

Miss., Shelby—Board of Aldermen, Geo. T. Roberts, Mayor, receives bids April 27 for street improvement; plans on file and from L. W. Mashburn, Engr., or Southern Engineering Co., both Clarksdale.

Mo., Springfield—Commr. of Streets and Public Improvements receives bids for sidewalks on Olive St. and Rogers Ave.

Mo., St. Louis—Board of Public Works plans expending \$71,650 to rebuild 4 streets with Amesite, including Tamm and Columbia Ave.

N. C., Black Mountain—Board of Aldermen plan extending Black Mountain Ave. $\frac{3}{4}$ mi. across Stepp Bottoms, connecting with Lakey Gap road at city limits, sand and gravel; also bridge across Swannanoa River, terminating Black Mountain Ave.

N. C., Gastonia—City, D. L. Struthers, Mgr., receives bids about middle of May for 30,000 yards asphalt street paving, 6000 yds. sidewalks, 20,000 ft. curb and gutter; estimated cost \$150,000; W. E. Leiper, Engr.*

N. C., Seaboard—Town, H. B. Lassiter, Clk., receives bids Apr. 15 for 2700 sq. yd. concrete sidewalks, including excavation; plans from S. E. Yates, Seaboard.

Okla., Oklahoma City—Oklahoma County Commrs. plan paving Western Ave., Thirty-sixth to Fifth St., cost \$45,000; Warren E. Moore, Commr. of Public Works.

Okla., Tahlequah—State Highway Dept., Oklahoma City, plans Highway No. 10 through Cherokee and Delaware Counties.

Okla., Waurika—Jefferson County plans paving Meridian Highway across county, cost \$600,000. Address County Commrs. See Financial News—Bond Issues Proposed.

S. C., Columbia—City plans paving Taylor St. from end of street paving to county paving; Gervais St. to connect with Garner's Ferry road. Address City Clk.

S. C., St. George—City plans paving Main St., Railroad Ave. to Raysor. Address City Clk.

Tenn., Jackson—City plans paving with concrete East Baltimore and East Preston Sts.; also concrete curbs and gutters. Address City Clk.

Tenn., Knoxville—City, Alexander Harris, Director of Public Works, received low bid from Murray Construction Co., Knoxville, at \$247,267, for paving in 30 Improvement Dist.; sheet asphalt, asphaltic concrete, asphalt surface-treated macadam and concrete paving.*

Tex., Abilene—Taylor County, Carlos D. Speck, Judge, receives bids April 13 for 2 mi. sub-grade and surfacing, 2 mi. scarifying, 2 mi. gravel surface, about 3130 yds. gravel; L. C. McCannles, Res. Engr.

Tex., Alice—Jim Wells County, A. M. Brumfield, County Judge, plans 14.41 mi. limestone surface, asphalt top, Highway No. 12, Valley Road, Ella to Brooks County line; estimated cost \$294,000; F. E. Hess, County Engr.

Tex., Anson—Jones County, Owen B. Thomas, County Judge plans 12.42 mi. grading and bridges Highway No. 18, estimated cost \$14,000; J. W. Puckett County Engr.

Tex., Big Springs—Howard County Commrs., H. R. Debenport, Judge, receives bids Apr. 13 for 3500 sq. yds. 2 $\frac{1}{2}$ -in. fiber brick, 2-in. Uvalde rock asphalt, 2-in. Warrenite bitulithic asphalt, 2-in. asphaltic concrete, all on 5-in. concrete base; 6-in. Portland cement concrete pavement; 1300 lin. ft. combined concrete curb and gutter; plans from County Clerk.

Tex., Brackettville—Kinney County Commrs. plan road building. See Financial News—Bond Issues Proposed.

Tex., Clarendon—City receives bids about April 28 for 40,000 sq. yds. street paving;

estimated cost \$175,000; Devlin Engineering Co., Engrs., Central Bldg., Amarillo.

Tex., Cuero—DeWitt County plans grading, bridges and graveled roads, Road Dists Nos. 7 and 8, estimated cost \$750,000; A. H. Gullledge, Yorktown, preparing plans.

Tex., Cuero—DeWitt County, Stanley Kulawik, Judge, plans paving roads in County—main highways; cost \$1,500,000; W. H. Koether, County Engr.

Tex., Decatur—Wise County plans 7.76 mi. bituminous macadam, Highway No. 39; estimated cost \$195,000; H. P. Hays, County Engr.

Tex., Eldorado—Schleicher County plans 8 mi. grading and graveling Highway No. 4; estimated cost \$65,000; J. L. Nell, County Engr.

Tex., Floydada—City Comm. receives bids Apr. 19 for 27,425 sq. yd. paving; F. P. Henry, Mayor.

Tex., Galveston—Galveston County, John M. Murch, County Auditor, receives bids Apr. 27 for vitrified brick paving, concrete curbs and sidewalks on Seawall Blvd., Twenty-fifth to Thirty-seventh St.; plans on file.

Tex., Houston—City, O. F. Holcombe, Mayor, plans 120-ft. boulevard, from Commerce Ave., down Buffalo Bayou to Turning Basin.

Tex., Houston—Harris County Commrs., H. L. Washburn, County Auditor, receives bids Apr. 12 to build and furnish 2000 cu. yd. gravel for Fairbanks-North Houston road and Reid road; plans from County Engr.

Tex., Kingsville—Kleburg County plans 7 mi. grading and 6-in. caliche Highway No. 12; H. T. Field, Div. Engr., Kingsville.

Tex., Luling—City, Mayor Greenwood, plans street paving.

Tex., Muleshoe—Bailey County, W. G. Kennedy, Judge, plans 5 mi. grading and graveling State Highway No. 7; cost \$90,000. See Financial News—Bond Issues Proposed.

Tex., Pittsburg—Camp County, Joe R. Hooten, Judge, plans 5.796 mi. grading, bridges and triple bituminous surface treatment, on stone base, Highway No. 65, estimated cost \$220,000; Chas. Chappell, County Engr.

Tex., Plainview—City plans widening Columbia St. to 36 ft. Address City Clk.

Tex., Quanah—Hardeman County, Chas. Y. Welch, County Judge, plans 7.76 mi. grading and bridges, Highway No. 5, east from Quanah; estimated cost \$28,800; J. B. Nabors, County Engr.

Tex., San Antonio—City, John W. Tobin, Mayor, receives bids Apr. 12 to pave sections of West Summit Ave. and Montana St.; I. Ewig, City Engr.

Tex., San Juan—City plans paving principal streets; cost \$60,000. Address City Clerk.

Tex., San Saba—San Saba County plans 15 mi. bituminous macadam paving on Pecan Belt Highway; estimated cost \$200,000; S. J. Bross, County Engr.

Tex., Slayton—City, S. F. King, Mayor, plans 18 blocks vitrified brick paving; estimated cost \$200,000; Harvey Austin, Sec.; Montgomery & Ward, Engrs., City Natl. Bank Bldg., Wichita Falls.*

Tex., Tulla—Swisher County plans 30 mi. grading and bridges Highway No. 9; estimated cost \$150,000; L. O. Cox, Div. Highway Engr.

Tex., Vernon—City, Harry Mason, Mayor, plans 6 blocks street paving; estimated cost \$30,000; John B. Nabors, Engr.

Va., Richmond—City, R. Keith Compton, Director of Public Works, plans widening avenues and boulevards, including Patterson, Grove, Malvern and Carey-Street road.

Va., Richmond—City, R. Keith Compton, Director of Public Works, receives bids Apr. 15 for 45,000 sq. yd. asphaltic types, 24,000 sq. yd. one course concrete and 14,000 vitrified block paving.

Va., Richmond—City, R. Keith Compton, Director of Public Works, plans expending \$300,000 to smooth pave 5.2 mi. streets, including Albemarle, Idlewood, Park.

Va., Williamsburg—State Highway Comm., H. G. Shirley, Chmn., Richmond, allocated \$60,000 toward straightening and gravel surfacing road from Williamsburg to Jamestown.

W. Va., Beckley—Raleigh County Commrs. plan improving road in Marsh Fork Dist., cost \$168,000. See Financial News—Bond Issues Proposed.

W. Va., Dunbar—City, O. L. Williams, Clk., receives bids April 19 for 30,000 sq. yds. grading and paving, 28,000 lin. ft. curb and gutter; plans from City Engr., Painter Bldg.; W. T. Moore, Mayor.

W. Va., Fairmont—Marion County Commrs. plan completing hard-surfaced road to Taylor County line, Union Dist.; cost \$100,000. See Financial News—Bond Issues Proposed.*

W. Va., Huntington—Cabell County Commrs. receive bids sson for 4 roads; $\frac{1}{2}$ mi. Cox's Hollow on Mohler Branch; $\frac{3}{4}$ mi. Grapevine Creek; 1 mi. from Russell Creek bridge at Altizer Place; $\frac{3}{4}$ mi. Four Pole Creek, known as Johnstown Route. Address County Engr. Oliver.

W. Va., Williamson—City Comm. plans repairing streets, cost \$105,000. See Financial News—Bond Issues Proposed.

Contracts Awarded

Ala., Selma—City let contract to Selma Gravel Co. to pave and grade Dallas Ave., from terminus of present paving at cemetery gates to Valley Creek; also to lay curb on Montgomery Ave.

Ark., Morrilton—State Highway Comm., Little Rock, let contract to Mobley Construction Co., Morrilton, at \$42,000, for 3 mi. gravel and $6\frac{1}{2}$ mi. surface treated macadam road, between Plumerville and Springfield.*

Fla., Daytona Beach—Bd. of Bond Trustees, Ocean Shore Improvement Dist., Flagler and Volusia Counties, W. H. Courtney, Sec., Peninsula Sta., Daytona Beach, let contract to A. C. A. Construction Co., Daytona Beach, at about \$1,125,000 for 40 mi. 20-ft. Ocean Shore Blvd., including curb; 16 $\frac{1}{2}$ mi. coquina rock foundation, with special treatment in Flagler County, balance Kentucky rock asphalt on coquina.*

Fla., Palatka—City Comm. let contract to D. B. Gillespie, Palatka, at \$322,000, for 10 mi. grouted brick paving, widening and straightening various streets, including Reid St.*

Ga., Rome—City Comm., G. P. Weathers, Chmn., let contract to Atlantic Bitulithic Co., Munsey Bldg., Washington, D. C., at about \$50,400 for 20,000 sq. yds. paving.*

Ga., Tifton—City, O. V. Barkulo, Clk., let contract to Atlantic Bitulithic Co., Munsey Bldg., Washington, D. C., for 41,700 yds. bitulithic asphalt paving at \$2.47 per sq. yd.; 16,200 lin. ft. concrete curb and gutter, at 88 cents per lin. ft.

Md., Baltimore—Board of Awards, Steuart Purcell, Highways Engr., let contract to Albert Apicella, 224 Albermarle St., at \$26,000, for cement concrete footways.*

Miss., Biloxi—Board of Commrs. let contract to Southern Paving Construction Co., Volunteer Life Bldg., Chattanooga, Tenn., at \$474,943 to pave 14 streets with asphaltic concrete and sheet asphalt, including Second, Sabini, Thelma; to A. H. Alvis, at \$8135, to pave Hopkins and Collins Sts. with concrete.*

Mo., Springfield—J. P. Ramsey, Commr. of Streets and Public Improvement, let contract to A. T. Tracy, 1943 N. Pickwick Ave., and Charles Bigsbee, Courthouse, for 4-ft. cement sidewalks on Olive St. and Rogers Ave.*

North Carolina—State Highway Comm., Raleigh, let contracts for 12 roads: Buncombe County, 4.76 mi. paving, Routes 20 and 29, Weaversville toward Asheville, R. C. Stevens, \$146,783; Rutherford County, 5.41 mi., Route 20, Henderson County line toward Rutherfordton, Wilson Construction Co., Rutherfordton, \$172,166; Stanly County, 13.36 mi. topsoil, Route 30, between Albemarle and Rowan County line, Atlantic Paving Co., \$72,904; structures, \$11,470; Rowan County, 6.04 mi. between Iredell County line and Salisbury, Robert Martin Co., \$148,444; structures, J. S. Bowers, \$46,805; Rockingham County, 11.11 mi. grading, Virginia line to Mayodan, G. F. Carnatz, \$55,726; structures, Draper & Wood, \$46,862; Moore and Montgomery Counties, 7.60 mi. grading, Richmond County line to West End, J. K. Cecil, \$39,247; structures, J. S. Bowers, \$20,540; Granville County, 9.66 mi. paving, Route 75, R. G. Lassiter & Co., Citizens Bank Bldg., Raleigh, \$266,402; Hoke County, 13.73 mi. sand asphalt, Route 70, Raeford to Moore County line, Gregory & Weisiger, \$252,612; Robeson County, 10.51 mi. grading, Route 70, Lumberton to Fairmont, H. M. Beasley, Lumberton, \$40,099; structures, J. S. Bowers, \$40,664; Jones County, 11.55 mi. grading, Route 303, between Trenton and Lenoir County line, Nello L. Teer, \$87,012; structures, E. A. Wood Co., \$39,280; Halifax County, 8.34 mi. grading, Route 125, Nello L. Teer, Greer Bldg., Durham, \$43,998; structures, \$9443; Camden County, 7.65 mi. Route 341, Lawson & Brooks, 1101 Monticello Ave., Norfolk, Va., \$299,658.*

N. C., Bryson City—R. H. Wright & Son has contract to pave State Highway No. 10, Swain County.

N. C., Smithfield—City Commrs., W. L.

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Fuller, Clk., let contract to C. D. Rigsbee, Chapel Hill Rd., Durham, at \$127,847, to pave 23 additional blocks with Lake asphalt.*

Tex., Huntsville—Walker County, A. T. McKinney, County Judge, let contract to Smith, Boyett & Co., Bryan, at \$74,016, for 17.27 mi. grading and drainage structures, Highway No. 45, Huntsville west.*

Tex., Richmond—Fort Bend County, W. I. McFarlane, County Judge, let contract to M. M. Craven and P. J. Brown, Missouri City, at \$455,218, for 15.15 mi. 6-in. concrete base, 1-in. rock asphalt, State Highway No. 3, Richmond to Harris County line.*

W. Va., Huntington—City, Mayor Neal, let contracts at \$40,705, to grade, curb and pave 6 streets, avenues, alleys, roads: T. C. Griffith, 450 Adams Ave.; L. J. Gillespie.*

W. Va., Huntington—Cabell County Commrs. let contracts for 5 roads in Guyandotte Dist.: Project 12, 2½ mi., from Prices Creek to Wayne County line, Hatfield Construction Co., 722 14th St., Huntington, \$82,713; No. 13, ¾ mi., McCoy road to Wayne County line, Harrison & Dean, 921 5th Ave., Huntington, \$21,801; No. 14, 1 mi., Mount Union road, Harrison & Dean, \$29,102; No. 15, 1.1 mi. Long Branch road, Crook's store down Four Pole Creek, Harrison & Dean, \$29,560; No. 16, 1.2 mi. from Norway Ave. near Cross roads to Sixteenth St. road, Harrison & Dean, \$23,979.*

W. Va., Huntington—City Comm. let contract to George Henkle, 1737 6th Ave., at \$10,328, for 3-in. brick paving, Wilson St., Twenty-sixth to Bear.

Sewer Construction

Large sums are being expended for sewage facilities in connection with Land Development operations. Details will be found under that classification.

Fla., Hastings—City let contract to J. B. McCrary Engineering Corp., Citizens and Southern Bank Bldg., Atlanta, Ga., for completion of sewerage system.

Fla., West Palm Beach—City let contract to W. S. Lockman Construction Co., West Palm Beach, for construction of \$2,000,000 sewer.

Ky., Lexington—City let contract to W. T. Congleton & Co., Third and Walton Sts., for storm water sewer on Jefferson St.*

Md., Baltimore—City Board of Awards receives bids April 11 for constructing sludge drying beds Nos. 11 to 14 at Back River sewage-treatment plant. (See Machinery Wanted—Sewers.)

Md., Gaithersburg—Washington Suburban Sanitary Comsn., Evans Bldg., Washington, D. C., let contract to W. H. Angle, Hagers-town, for installing water mains and sewers in Gaithersburg and Washington Grove, Md.*

Mo., Kansas City—T. P. Thomson has contract for sewer in Woodsworth Industrial District and in Monroe and Kenington Ave.

Tex., Alice—City let contract to Kirkwood, Wharton & Lee, 456 Main St., San Antonio, for construction of sewer system.*

Tex., Fort Worth—City let following sewer contracts: Tarrant Construction Co., 1005 Calhoun St., for storm sewers in Hyde Park and Arlington Heights; J. M. Purvis, 112½ W. Ninth St., for storm sewers on Hurley St. and in Sycamore Heights; Municipal Excavating Co., 800 N. Crawford St., Dallas, for storm sewer in W. Morningside; are receiving bids for two sanitary sewers in southwest part of city and one storm sewer in Westford and Bluff Sts.; D. L. Lewis, Engr.

Tex., Groveton—See Water Works.

Tex., Houston—Pfeiffer Construction Co., 2113 Crockett St., low bidder for construction of sewers on Texas Ave.; J. C. McVea, Engr.

Tex., Knox City—City will improve sewer system: Devlin Engineering Co., Engrs., Central Bldg., Amarillo.

Tex., Olney—City will improve sewers and water-works: Montgomery & Ward, 545 Harvey-Snyder Bldg., Wichita Falls.*

W. Va., Huntington—City let contract at \$10,248 to Gerchow & McGinnis, Duncan Bldg., for construction of brick sewer in Division St. and to Lucian Blas for sewer in Wilson St.*

Telephone Systems

Md., Baltimore—Chesapeake & Potomac Telephone Co., G. H. Warren, Div. Mgr., 5 Light St., expending \$36,440 on equipment for central office, and improvements at Mt. Vernon exchange.

Mo., Columbia—The Columbia Telephone Co. advises: No plans have been made or contemplated for at least three years for erection of exchange building on Cherry St.*

North Carolina—Carolina Telephone & Telegraph Co., executive office, Tarboro, N. C., acquired property of Chowan-Roanoke Telephone Co., including exchanges at Ahsokie, Aulander, Windsor and Winton, N. C., with toll lines connecting each of these exchanges and also other important connections.*

Okl., Blackwell—Southwestern Bell Telephone Co., main office, St. Louis, Mo., reported, has plans for \$134,000 building, work to begin about May 1; J. A. Rowley, Dist. Mgr.

Tenn., Cookeville—R. F. D. Shipley School House—The Shipley Home Telephone Co., incorporated; J. P. Wassom, W. L. Huddleston.

Tex., Denison—Southwestern Bell Telephone Co., main office St. Louis, Mo., let contract to L. H. Lacy & Co., 2632 Swiss St., Dallas, for exchange building, corner Chestnut and Fannin St.

Textile Mills

Ala., LaFayette—LaFayette Cotton Mills reported to install 4000 additional spindles from plant of Shenandoah Cotton Co., Utica, N. Y.

Ga., Aragon—Aragon Mills reported to construct addition to equipment, and possibly to plant.

N. C., Concord—Gibson Manufacturing Co. reported let contract to J. A. Gardner, Char-Greenville, S. C., Engrs.

N. C., Pittsboro—A. C. Kluge is installing additional looms at silk plant, later plans enlargement of building.

S. C., Woodruff—Gallivan Building Co., Greenville, reported has contract for opener room for Mills Mill; 2 stories, concrete, 7500 sq. ft. floor space; J. E. Sirrine & Co., Engrs., Greenville.*

Okl., Sand Springs—C. R. Miller Manufacturing Co. of Oklahoma, National Bank of Commerce Bldg., Tulsa, will issue 10,000 shares 7% cumulative stock par value \$100 and 20,000 shares common stock no par value, proceeds to be used for construction of bleaching and finishing plant adjacent to present mill.*

Tenn., Kingsport—Borden Mills, Inc., George H. Hughes, Mgr., reported to establish 2 units.

Tex., Fort Worth—Dixie Hosiery Mill increased capital \$25,000 to \$40,000; are installing additional ribbers and footers.

Water Works

Large sums are being expended for water-works in connection with Land Development operations. Details will be found under that classification.

Ark., Fayetteville—City, E. M. Ratliff, Engr., will plan construction of concrete foundation and building to house pumping equipment of water plant, equipment purchased from Fairbanks-Morse Co., 217 S. 8th St., St. Louis, Mo.

Fla., Fort Lauderdale—City Comsn. authorized purchase of 30 acres as site for \$250,000 water-works plant.*

Fla., Key West—Board of Trustees Monroe County Water Supply District receives bids April 20 for construction of pipe lines and pumping equipment for bringing fresh water to Key West over Florida Keys; invite engineering concerns to submit proposals, including franchise. (See Machinery Wanted—Pipe Lines, etc.)*

Fla., Plant City—City contemplates constructing water works. Address The Mayor.

Ga., Fitzgerald—Dysard Construction Co., Austell Bldg., Atlanta, has contract for water extensions, cost \$17,000.

Ga., Griffin—City, E. P. Bridges, Mgr., will expend \$40,000 for water-works system; construct filtration plant, 2 deep wells, work by city forces except filters and necessary equipment.*

Md., Gaithersburg—See Sewer Construction.

Md., Salisbury—City receives bids April 15 for water works. (See Machinery Wanted—Water Works.)

Miss., Aberdeen—City let contract to Car-

loss Well Co., 116 S. First Co., Memphis, Tenn., for 500 to 1000 gal. per minute gravel wall well and deep-well turbine pump.

Miss., Biloxi—City let contract to Biloxi

Plumbing & Heating Co. for water mains and sewer pipe.

Miss., Laurel—Layne Central Co., Chelsea St., Memphis, Tenn., has contract for drilling deep water artesian well.

Miss., Long Beach—City let the following contracts for water-works improvements: To A. M. Lockett & Co., Ltd., 571 Barrone St., New Orleans, La., for motor-driven pumps and equipment; to Pittsburgh-Des Moines Steel Co., Praetorian Bldg., Dallas, Tex., for 50,000 gal. steel tank and tower; Alonzo B. Hayden, Inc., Pass Christian, Miss., for concrete foundations and construction of brick building; to National Cast Iron Pipe Co., Birmingham, Ala., for cast-iron pipe; Dixie Mill Supply Co., Inc., 901 Tchoupitoulas St., New Orleans, La., for steel pipe and fittings, hydrants, valves and boxes; Alonzo B. Hayden, Inc., Pass Christian, for laying pipes, setting hydrants, drilling 6-in. well; Swanson-McGraw, Inc., Balter Bldg., New Orleans, La., Const. Engrs.

Mo., Branson—City has completed survey and will have plans ready April 15 for bids for water works and sewage disposal plant; Alexander Engineering Co., Engrs., Springfield. See Financial News—Bond Issues Proposed.

Mo., Webster Groves—City, R. L. Willson, Clk., will expend \$150,000 for extensions and replacements to water works; 4, 6, and 8 in. cast-iron pipe, 300,000 gal. tank.*

N. C., Edenton—City will enlarge water reservoir, install motor, starter and pump. Address The Mayor.

N. C., Gastonia—City will expend \$25,000 for water extensions. Address Mayor Parker.

N. C., Raleigh—Indianridge Water & Light Co., capital \$50,000, incorporated; J. B. Robeson, 123 Halifax St., will supply water and light for development beyond Raleigh; will erect 100,000 gal. water tank and tower and provide same with electric driven pump; let contract to O. E. Hieter, Raleigh, for Pump. (See Machinery Wanted—Motors, Tank and Tower; Pump.)

Okl., Collinsville—City is constructing low overflow dam across Caney River, intake, and other improvements to present river pump station; will install 3 motor driven centrifugal pumps, venturi meter; cost \$22,000; H. L. Cannady & Co., Tulsa, Contrs.; Holway Engineering Co., 504 Wright Bldg., Tulsa, Engrs.*

Okl., Dawson—City will construct \$24,000 water system connecting with Tulsa's Harvard Ave. line. Address The Mayor.

Okl., Okmulgee—Comms. of Finance receive bids April 14 for constructing water supply system. (See Machinery Wanted—Water Works.)

S. C., Anderson—Southern Public Utilities Co., Harry Orr, Mgr., main office Charlotte, N. C., will expend \$35,000 for improvements to water works system.

Tenn., Chattanooga—City, Eugene J. Bryan, Commr., receives bids April 10 for pipe for water works. [See Machinery Wanted—Pipe (Cast Iron); Pipe (Galvanized).]

Tenn., Knoxville—City accepted bid of Tucker & Laxton, Realty Bldg., Charlotte, N. C., for installing 24 and 30 in. water main extensions.*

Tenn., Nashville—Board of Public Works will lay additional water mains in Wyoming, Utah, Nebraska and Dakota Aves.

Tex., Abilene—R. J. Estep & Co., Praetorian Bldg., Dallas, has contract for water filtration plant; O. K. Hobbs, Engr.

Tex., Coleman—Prairie Pipe Line Co. reported plans construction of pumping plant, reinforced concrete dam across Ranch Creek River and 9 miles pipe line from Pioneer.

Tex., Dallas—City, Harry Gowins, Water Commr., will install additional fire hydrants; cost \$10,000.

Tex., El Paso—City let contract to J. E. Morgan, 316 Texas St., for construction of \$46,000 reservoir, reinforced concrete, 2,300,000 gals. capacity; Robt. P. Anderson, City Engr.

Tex., Greenville—City let contract to National Water Purifying Co., Brim Bldg., Kaufman, for improvements to water works; will install 2,500,000 gal. capacity purification plant; I. H. Rush, Engr.*

Tex., Groveton—Barker & Davis, 508 North Texas Bldg., Dallas, has contract for water and sewers; F. J. Von Zuben, Engr., 611 Dan Waggoner Bldg., Fort Worth.*

Tex., Hico—City is making plans to improve and extend water mains for better fire protection; will lay some 6 and 8-in. and probably 19-in. cast-iron water mains and

In writing to parties mentioned in this department it will be of advantage to all concerned if the Manufacturers Record is mentioned.

place number of fire plugs. Address H. Gleason, Member City Board.

Tex., Kemp—National Water Purifying Co., Brim Bldg., Kaufman, has under construction 200,000 gal. capacity plant.

Tex., La Porte—City let contract to Southern Engine & Pump Co., 615 Washington St., Houston, for water-works system.*

Tex., Olney—See Sewer Construction.

Tex., Port Neches—Dan Reinstra, Nederland, and associates interested in installation of water works to serve towns of Nederland and Port Neches; Griffin O'Neil, Dallas, Engrs.

Tex., San Antonio—City let contract to R. C. Shane, Builders Exchange Bldg., at \$17,667 for remodeling water-works building; Chalkley Bros., 214 E. Romano St., has plumbing contract; Special Plumbing and Hardware Co., 519 W. Houston St., contract for electric wiring.*

Tex., Taylor—Taylor Water Co. will extend water works system; cost \$35,000.

Va., Martinsville—City will install water-works system. See Financial News—Bond Issues Proposed.

Va., New Market—City let contract to Boyd, Higgins & Goforth, Inc., Realty Bldg., Charlotte, N. C., at \$91,243 for extension to water works, including Ambursen dam, after plans and specifications by Ambursen Construction Co., Inc., Grand Central Terminal, New York; Carolina Engineering Co., Johnston Bldg., Charlotte, N. C., Engrs.*

Va., Richmond—City Council will probably issue \$950,000 in bonds in 1926 for water, gas. Address Mayor Bright.

W. Va., Williamson—City will expend \$230,000 for rebuilding present water works system. See Financial News—Bond Issues Proposed.

Woodworking Plants

Fla., Fernandina—C. E. Schutte, Pres. of the Charles Schutte Body Co., Lancaster, Pa., reported contemplating establishing branch plant.

Md., Baltimore—A. C. Witherspoon, 548 E. 38th St., and associate, acquired site at Taylor Ave. and Curtin St.; plans erecting 100x150-ft. daylight factory to be occupied by John C. Raum & Sons, 407 Sharp St. (wagon manufacturers).

Md., Hagerstown—The Statton Furniture Manufacturing Co., capital \$15,000, incorporated; Philo A. Statton, Cyrus F. Flook.

Mo., Kansas City—Kastler Body Mfg. Co., Inc., 1119 Campbell St., will install equipment, including rip-saw, planer, belt sander, etc., for manufacture of bodies and cabs. (See Machinery Wanted—Woodworking Machinery.)*

Mo., Mokane—Missouri Veneer Co., capital \$25,000, incorporated; E. A. Reese, J. T. Ahern, Caruthersville.

N. C., Lenoir—Carolina Home Furnishing Co., capital \$100,000, incorporated; F. H. Brown, J. W. Johnston.

N. C., Wilmington—Wilmington Stave Corp., P. S. Hutchins, Mgr., completed 40x100-ft. addition to plant; equipment all purchased.*

Tex., Bryan—Dansby Furniture Co., capital \$50,000, incorporated; M. F. Dansby, D. Paul Dansby.

N. C., Lake Waccamaw—Worth Carolina Lumber Co., F. B. Gault, Pres., will rebuild shingle plant and probably erect three ply veneer plant.

FIRE DAMAGE

Ala., Florence—North Alabama Duco Co., Union Barber Shop, Yielding Battery Station and garage; loss \$30,000.

Ark., Choctaw—High School and Smith Hughes School; loss \$12,000.

Ark., Hoxie—Caddo Hotel, owned by Tom Robbins, and City Hotel, owned by Mrs. John Gibson.

Ark., Little Rock—Portion of building at 307 Scott St., occupied by A. Tenebaum & Co.

Ark., Little Rock—Pulaski County Farm administration bldg. and living quarters, loss \$10,000 to \$20,000. Address The Supt.

Ark., Malvern—Planing mill of Wisconsin-Arkansas Lumber Co.'s mill No. 2; loss \$75,000.

Ark., Mt. Ida—Rev. John H. Freeman's residence.

Ark., Texarkana—Texarkana Casket Co. and other buildings; loss \$17,000.

Fla., Delray—W. B. Clepper's apartment house, J. F. Clepper's 2-story garage apartment and R. M. Neal's frame house, all at S. E. Third Ave. and Fourth St.

Fla., Jacksonville—Eastern pier of municipal docks; loss about \$10,000. Address Frank Owen, Utility Commr.

Fla., Orlando—D. I. Neher Lumber Co.'s mill and part of yard near Mills St.; loss \$25,000.

Fla., Winter Haven—Teacherage of Colored Industrial School on Florence Valla section; loss \$10,000.

Ga., Macon—Southern Box & Basket Co.'s plant, foot of Poplar St.; loss \$250,000.

Ky., Cave City—O. T. Nichols' flour mill; loss \$14,000.

Ky., Paducah—Plaza Hotel at Fourth St. and Broadway, J. K. Rudolph, Propr., and owned by Mrs. Adine Morton Taylor; loss \$75,000.

Ky., Paris—Spears-Kiser Co.'s garage; loss \$15,000.

Ky., West Van Lear—Smith Wholesale Furniture Co.'s plant and restaurant operated by Charles Blair; loss \$75,000.

La., Shreveport—Shreveport Charity Hospital. Address the Supt.

La., Tullos—Grill Cafe, Cook Merchandise Co. and other building; loss \$150,000.

Md., Ammendale—Building at Ammendale Normal Institute, housing laundry and electric pumps; loss \$25,000.

Md., Baltimore—Robt. S. Zeno's residence, 433 Beulah Ave.; loss \$25,000 to \$30,000.

Md., Baltimore—Wilhelm Park Christian Church, Cowan and Wilhelm Aves.; loss \$15,000; Rev. Roland L. Brohawn, Pastor.

Md., Havre de Grace—Day-lite Bakery, owned by Lambert C. Pohl.

Md., Mt. Washington, Baltimore—Residence, Falls Rd. and Hollins Ave., of F. Vernon Preston and Stanley Preston; loss \$15,000.

Miss., Mississippi City—G. C. Todd's residence; loss \$10,000.

Miss., Pass Christian—Residence, East Beach, owned by J. G. O'Kelley, 1535 Octavia St., New Orleans, La., occupied by Mrs. Wm. H. Mitchell of Lake Forest, Ill.; loss \$60,000 to \$75,000.

Miss., Scooba—Methodist Church parsonage. Address The Pastor.

Mo., Kansas City—Building at 1214 W. Ninth St., occupied by Calvin Hermer & Co. (soap manufacturers) and Alden & Spears & Sons Co. (laundry supplies); loss \$18,000; structure owned by Freeman-Duncan Realty Co.

Mo., Kansas City—St. Michael's R. C.

Church, 24th St. and Brighton Ave.; loss, including contents, \$15,000.

Mo., Kennett—E. C. Robinson Lumber Co.'s mill; loss \$12,000.

N. C., Forney—Norwood Lumber Co.'s plant; loss \$125,000.

N. C., Statesville—Hutton Bourbonnee Co.'s yard on Diamond Hill; loss \$50,000.

S. C., Clinton—Hospital owned by Dr. S. C. Hays.

S. C., Newberry—Lominack's Hardware Store; loss \$10,000.

S. C., Timmonsville—Pepper-Thomas Warehouse, co-ownership of A. B. Turner of Lamar, barn of Rufus Howard and other buildings; loss \$60,000.

S. C., Walterboro—Masonic Temple.

Tenn., Decherd—Maxwell Hotel, owned and operated by W. N. Garrett.

Tenn., Memphis—Joseph Hall Manufacturing Co.'s lumber plant; loss \$25,000.

Tenn., Morristown—Girls' dormitory of Morristown Normal & Industrial College; loss \$50,000.

Tenn., Newport—Cherokee Hotel on Lincoln Ave.; loss \$38,000; owned and operated by J. A. Susong.

Tenn., Pikeville—J. C. Collier's flour mill.

Tenn., Springhill—Ewell Flour Mill; loss not estimated.

Tex., Estelline—J. J. Rogers & Son's dry goods and grocery store; loss \$25,000.

Tex., Fort Worth—Cold storage plant and slaughter house of Lawrence Hodgkins; loss \$10,000.

Va., Alexandria—Warehouses of Forbes Brothers, Inc., and Walter Roberts Co., Inc., at Prince St. and the Strand; loss \$100,000.

Va., Front Royal—Limestone Lime Co.'s plant at Karo; loss \$350,000.

Va., Lumburg—W. A. Hawks' residence and 5 outbuildings; loss \$10,000.

Va., Meadow View—Three-story Galliher Bldg., store of Maiden & Son, R. J. Smith's store, J. W. Maiden's residence; loss \$100,000; Presbyterian Church. Address The Pastor.

Va., Norfolk—Two dormitories of Drivers' Agricultural High School; loss \$50,000.

Va., Norfolk—Norfolk Tallow Co.'s manufacturing plant at Money Point; loss between \$50,000 and \$100,000.

Va., Pearisburg—Blivens' Store, James Woods' Restaurant, Episcopal Church, Rev. E. W. Hughes, minister; loss \$40,000.

Va., Richmond—Strand Theater building; loss \$30,000.

Va., Tenn., Bristol—Dr. Jas. Semones' residence; loss about \$20,000.

W. Va., Weirton—Weirton garbage disposal plant; loss \$20,000. Address City Clk.

BUILDING NEWS

BUILDINGS PROPOSED

Association and Fraternal

Ala., Birmingham—Salvation Army, W. E. Mitchell, Chmn., Advisory Board, raising funds for \$125,000 rescue home, site present building, 3301 Fifth Ave South.

D. C., Washington—Following contractors estimating on 8-story building for United Brotherhood of Carpenters and Joiners of America, Local No. 132; bids to be opened April 12: Wm. A. Kimmel, Evans Bldg.; Frank L. Wagner, 1336 New York Ave. N. W.; C. J. Cassidy Co., Inc., McLachlan Bldg.; T. T. Taylor Co., District Natl. Bank Bldg.; Boyle-Robertson Construction Co., Inc., 815 15th St. N. W.; Geo. E. Wyne, Home Life Bldg.; Andrew Murray, 729 12th St. N. W.; D. E. Nichol, Peoples Life Bldg.; Arthur L. Smith & Co., 819 13th St. N. W.; R. P. Whitty Co.; Jas. L. Parsons, Jr., Equitable Bldg.; Schneider-Sneldt Co., 1416 F St. N. W.; Chas. H. Tompkins Co., 1612 Park Rd.; Davis-Wick-Rosengarten Co., Inc., 1406 C St. N. W.; Harvey O. Miller, Archt., McLachlan Bank Bldg.*

Ga., Waycross—Waycross District Shrine Club, C. A. White, Trustee, erect \$10,000 building, Cherokee Heights.

La., Monroe—Benevolent Protective Order of Elks considers \$100,000 building, site present structure, Grand St.; bowling alleys, billiard lounge, smoking rooms, Turkish baths, etc.

Mo., Kansas City—Elmwood Lodge, I. O. O.

F., erect \$30,000 lodge building, Independence Blvd.

S. C., Spartansburg—Salvation Army, W. J. Price, Adjt., interested in home for friendless girls.

Tex., Gainesville—Ancient Free and Accepted Masons, W. H. McDalles, member, erect \$40,000 temple; brick, stone and reinforced concrete, fireproof, 2 stories and basement, 77x120 ft.; Fonzie E. Robertson, Archt., 1609 Republic Bank Bldg., Dallas.

Tex., San Juan—Ancient Free and Accepted Masons erect 2-story store and lodge building.

W. Va., Ansted—Club Holding Corp., L. L. Abbott, Pres., Charleston, erect \$60,000 clubhouse, Lovers' Leap Rock, near Ansted, for Masonic Country Club of Southern West Virginia; native stone and rough timber, part 2-story and basement, 120x78 ft., with additional areas for porches and terraces; outdoor swimming pool, shelter houses and log cabins; Walter F. Martens, Archt., Morrison Bldg., Charlotte; plans nearing completion; work to start within 30 days.

W. Va., Charleston—Boy Scouts of America, Walter Clark, Pres., Masonic Bldg., erect mess hall to seat 100, sleeping shacks, camp lodge and administration building at camp on Coal River, to be called Camp Walhonde; \$10,000 to be expended this year, ultimately \$25,000 to \$30,000; Herbert S. Kyle, Archt., Union Bldg.

W. Va., Princeton—Home Association of

In writing to parties mentioned in this department it will be of advantage to all concerned if the Manufacturers Record is mentioned.

Brotherhood of Railroad Trainmen, W. M. Dodd, member, Bldg. Comm., plans \$50,000 building, Fifth and Mercer Sts.; stores on first floor, offices or apartments on second, lodge rooms on third.

Bank and Office

Ala., Tusculum—North Alabama Abstract Co. erect 4-story fireproof building.

Ark., Sherrill—Bank of Sherrill, J. M. Barrett, Pres., erect 1-story brick building; probably install vault.

D. C., Washington—Bank of Commerce & Savings probably call for bids in few days for remodeling building; 1 story, 42x60 ft., steel sash and trim, tile, hardwood and composition floors, marble, limestone, cost \$40,000; furnishings, equipment, etc., \$10,000; Milburn, Heister & Co., Archts., Union Savings Bank Bldg.*

Fla., Orlando—Chamber of Commerce opens bids April 10 for building; cost \$100,000; stone, hollow tile and stucco, 4 stories, 50x104 ft., semi-fireproof, built-up asphalt roof; concrete foundation, concrete tile and terrazzo floors; Harry M. Reynolds, Archt., O. B. & T. Bldg.*

La., Tallulah—Madison National Bank erect brick bank, store and garage building; 1-story, 150x150 ft., composition roof, metal show window fittings, plastered interior, bank fixtures; Rathbone DeBuys, Archt., Juan G. Landry and Albert L. Theard, Asso. Archts., all Hibernia Bldg., New Orleans.

Miss., Natchez—Britton & Koontz, National Bank receive bids Apr. 9 at office Rathbone DeBuys, Archt., for alterations to banking rooms; tile floors, marble fixtures, repair vault; Juan G. Landry and Albert Theard, Asso. Archts., all Hibernia Bldg., New Orleans, La.

Okl., Oklahoma City—Mid-Continent Life Insurance Co., R. T. Stuart, Pres., 200 N. Robinson St., receiving bids for 4-story office building, 13th St. and Shartel Ave.; cost \$300,000; 100x150 ft., brick, stone and reinforced concrete; fireproof; Layton, Hicks & Forsyth, Archts., Branniff Bldg.*

Okl., Tulsa—Tulsa Building & Loan Assn. soon have completed plans for 8-story, mezzanine and basement store and office building; 50x100 ft., stone, granite and brick, cement foundation, composition roof, hollow tile, metal lath, steel sash, waterproofing, glass, screens, ventilators, elevators; Leland I. Shumway, Archt., New Wright Bldg.; Southwest Engineering Co., 910 N. Elwood St., Struct. Engr.; Gillham-Cook & White, Mech. Engrs., 409 Interstate Bldg., Kansas City, Mo.*

Tenn., Memphis—C. G. Smith, Exchange Bldg., considers erecting 12-story office building, Madison Ave. and Third St.; may be called Realtors' Bldg.

Tenn., Nashville—Southern Insurance Co. has permit to remodel building, 128-30 Eighth Ave. N.; cost \$17,000.

Tex., Abilene—Geo. Paxton, Pres., Citizens Nat. Bank and W. G. Swenson erect 3- or 4-story building, N. Third and Cedar Sts.; cost \$40,000 to \$50,000; medical offices, clinic and laboratory on second floor.

Tex., Fort Worth—J. J. Mickle, 450 Galveston St., considers erecting 10-story building, Third and Taylor Sts.

Tex., McAllen—First National Bank, J. A. Frisby, Pres., remodel building instead of erecting \$50,000 structure, as lately incorrectly reported; Harvey P. Smith, Archt., Nat. Bank of Commerce Bldg., San Antonio.*

Tex., San Antonio—City, W. D. Masterson, Mgr., City Water Works, will remodel Water Board offices, E. Market St.; cost \$18,000 to \$30,000; Richard Vander Stratten, Archt., Travis Bldg.; bids opened.

Va., Stanley—Farmers & Merchants National Bank erect addition; work in charge of Mims, Speake & Co., Luray.

Churches

Ala., Andalusia—Presbyterian Church erect 2-story addition and install pipe organ. Address The Pastor.

Ala., Brewton—Protestant Episcopal Church plans building. Address The Pastor.

Ala., Foley—Protestant Episcopal Church plans building. Address The Pastor.

Ala., Kennedy—Methodist Episcopal Church South, Rev. O. L. Peek, Pastor, plans \$10,000 building.

Ala., Robertsdale—Protestant Episcopal Church plans building. Address The Pastor.

Ark., Little Rock—First Christian Church, Rev. Harry G. Knowles, Pastor, plans \$250,000 building; Gothic type, native stone; main

auditorium and 4-story Sunday school and administration sections.

Fla., Jacksonville—Church of Good Shepherd, Riverside, Raymond D. Knight, Senior Warden, Atlantic Nat. Bank Bldg., will have plans drawn by Corbusier & Lenski, Keith Bldg., Cleveland, O., for \$200,000 building, Stockton and Park Sts.; Mellen C. Greeley, Asso. Archt., 111 W. Adams St.; have not definitely decided to build at this time.*

Fla., Jacksonville—First Baptist Church, Dr. Len G. Broughton, Pastor, plans to start work about May 1 on \$350,000 brick, stone and stucco church and Sunday school, Hogan and Church Sts.; 3 stories, 105x210 ft., tile, concrete, hardwood, linoleum, rubber tile and composition floors, composition roof, ventilators, marble, cast stone, terra cotta trim; furnishings, equipment, etc., \$25,000; R. H. Hunt Co., Archt., James Bldg., Chattanooga, Tenn.; plans completed.*

Fla., Tampa—Church of Christ has \$10,000 permit for building, North St. Address The Pastor.

Fla., West Palm Beach—First Christian Church, Rev. Arthur M. Depew, Pastor, considers Sunday school addition.

Fla., Winter Haven—Presbyterian Church, R. A. Henry, Chmn., Fund Campaign, erect \$100,000 building.

Ga., Claxton—Baptist Church plans building. Address The Pastor.

Ga., Columbus—East Highlands Methodist Church erect \$20,000 auditorium; 50x70 ft. Address The Pastor.

Ga., Fitzgerald—Central M. E. Church, Rev. S. C. Oliff, Pastor, let contract about June 1 for building; cost about \$85,000.

Ga., Millen—Baptist Church remodel building. Address The Pastor.

La., Pelican—Baptist Church, L. E. Fincher, member, Bldg. Comm., add Sunday school and young people's rooms.

Miss., Lumberton—First Baptist Church opens bids April 15 for brick building; cost \$15,000, 40x70 ft., basement, 20 classrooms; G. T. Reid, Archt., Gulfport.*

Miss., Shaw—Methodist Church erect \$20,000 building; Jas. E. Greene, Archt., Bankers Mortgage Bond Bldg., Birmingham, Ala.

Mo., Jefferson City—First Presbyterian Church, 418 Madison St., selected Kennerly & Stiegemeier, Title Guaranty Bldg., St. Louis, as architects for \$75,000 building; 2 stories, 100x87 ft., stone and concrete foundation, furnishings, equipment, etc., \$25,000.

Mo., Kansas City—Westport Avenue Presbyterian Church, Westport Ave. and Wyandotte St., erect \$20,000 native stone Sunday school; 3 stories, 60x30 ft., pine floors, stone foundation, composition shingle roof; install pipe organ, furnishings, equipment, etc., \$3,000; Owen, Sayler & Payson, Archts., Interstate Bldg.; no engineer; soon complete plans. Address G. P. Baily, Westport Ave. and Wyandotte St. See Machinery Wanted.*

Mo., Kansas City—Ebenezer African M. E. Church erect \$10,000 building, 1601 Lydia St. Address The Pastor.

Mo., Kansas City—St. Michael's R. C. Church, 24th St. and Brighton Ave., Rev. J. M. McGraw, Asst. Pastor, rebuild structure noted burned at \$15,000 loss, including contents.

Mo., St. Louis—Delmar Baptist Church, Skinker Rd. and Washington Blvd., erect Sunday school building. Address The Pastor.

N. C., Charlotte—Church of the Nazarene plans \$30,000 building near present structure, Central Ave. Address The Pastor.

N. C., High Point—Springfield Community Friends Congregation, John J. Blair, member, Bldg. Comm., plans \$25,000 to \$30,000 building, site present structure; auditorium seat 400. Sunday school 200; Herbert C. Hunter, Archt.

N. C., High Point—Presbyterian Church, S. Main and Green Sts., Rev. Chas. P. Coble, Pastor, plans \$150,000 building, N. Main St.

N. C., Lexington—Second Reformed Church, Rev. A. O. Leonard, Pastor, opens bids about April 15 for \$30,000 brick veneer building; 2 and 3 stories, 73x79 ft., hardwood floors, brick foundation, tile roof; Chas. W. Bolton & Son, Archts., Schaft Bldg., Philadelphia, Pa. See Machinery Wanted.*

N. C., Winston-Salem—Augsburg Lutheran Church, Efrid L. Hine, Chmn., Finance Comm., considers erecting building after plans by Tilton & Crews, R. E. Lee Hotel Bldg.*

S. C., Anderson—Gluck Cotton Mills, Robt. E. Ligon, Gen. Mgr., has offered to contribute \$10,000 toward erection of Union church in Gluck village.

S. C., Union—Methodist Church reported

erect \$40,000 building at Monarch Mills. Address The Pastor.

Tenn., Nashville—Hobson Chapel M. E. Church, South, erect \$50,000 building, Chapel and Greenwood Aves., after plans by Chas. A. Ferguson, Arcade Bldg.; main auditorium and Sunday school rooms.*

Tex., Houston—Antioch Baptist Church, 318 Andrew St., plans \$100,000 building; 3 and 4 stories, 80x149 ft., concrete foundation; furnishings, equipment, etc., \$15,000; Clarence C. Bulger, Archt., Praetorian Bldg., Dallas; probably not let contract until 1927. Address Trustee Board, Antioch Baptist Church, 318 Andrew St. See Machinery Wanted.*

Tex., San Antonio—Baptist Temple, Judge J. W. Conger, Chmn., Bldg. Comm., 711 Rigsby Ave., plans \$100,000 building, Gevers and Drexel Aves.

Tex., Sherman—St. Mary's R. C. Church, Rev. J. R. Allard, Pastor, plans \$10,000 rectory; brick veneer, 1½ stories.

Tex., Wichita Falls—St. John's Baptist Church plans \$125,000 church and Sunday school; brick, stone and frame, 2 stories, basement and roof garden; D. D. Swindle, Archt., 317 North Texas Bldg., Dallas.

Va., Falls Church—Presbyterian Church plans \$35,000 building; Edw. Russell Mitchell, Archt., Homer Bldg., Washington, D. C.

Va., Pearisburg—Episcopal Church, Rev. Edw. W. Hughes, Pastor, erect concrete and rubble building to replace burned structure; 1 story, 24x45 ft., slate or tile roof; probably use present walls; John Graham, Jr., Archt., 18 S. 18th St., Philadelphia, Pa. See Machinery Wanted.*

Va., Petersburg—First Christian Church, H. F. Minter, Chmn., Board of Trustees, remodel old Appomattox Bakery property for church.

W. Va., Montgomery—Methodist Episcopal Church, South, O. K. Robinson, Chmn., Plans Comm., receives bids April 10 for building, Washington St. and Fifth Ave.; plans and specifications from G. R. Ragan, Archt., Colonial Bank Bldg., Roanoke, or Mr. Robinson.

City and County

Fla., Kelsey City—City, A. R. Birchard, Mayor, voted \$125,000 municipal building bonds; 2 stories.

Fla., Miami—City has permit for \$12,000 wagon shed, N. E. Tenth St. at the bay. Address City Council.

Fla., Palm Beach—City, Cravette Lockwood, City Mgr., voted \$2,000,000 bonds, including \$175,000 for National Guard Armory, \$85,000 stockade and police barracks and \$15,000 engineering building.

Fla., Sarasota—City, E. J. Bacon, Mayor, plans fire substation.

Fla., South Miami (formerly Larkins)—Town erecting town hall and chamber of commerce building. Address Town Council.

Fla., St. Petersburg—City, J. T. McNulty, Fire Chief, purchased site, Fourth Ave. and Tenth St., for fire station.

Fla., West Palm Beach—City, C. A. Birmingham, City Mgr., votes April 20 on \$1,935,000 bonds, including \$150,000 for police barracks and stockade, and bonds for casino.

Ga., Atlanta—City, Walter A. Sims, Mayor, erect \$1,000,000 city hall, Central Ave. and Hunter St.; steel and tile, members all incased in concrete, 15 stories, 165x165 ft., 75x75-ft. tower, floors of reinforced concrete on steel, tile roof, reinforced concrete on concrete pile spread foundation; A. Ten Eyck Brown, Archt., 717-20 Forsyth Bldg., drawing preliminary plans. See Machinery Wanted.*

Ga., Glenville—City erect 2-story brick city hall. Address City Council.

Md., Baltimore—Municipal Art Museum Commission selected Howard Sill, 12 E. Pleasant St., as architect for \$1,000,000 art museum, Wyman Park, adjoining Johns Hopkins University, and John Russell Pope, 542 Fifth Ave., New York, as associate archt.*

Miss., Greenwood—Leflore County, A. R. Bew, Clk., Board of Supervisors, voted \$125,000 courthouse addition; jail to be included in addition.*

Mo., Kansas City—Park Board considers erecting \$20,000 golfers' shelter house, Swope Park.

N. C., Greensboro—City lets contract April 15 for first unit of memorial stadium and athletic field; present cost about \$100,000; reinforced concrete stands, cinder track, baseball fields, tennis courts, cover 10 acres; Barton & White, Archts., Jefferson Standard Bldg.; Robt. B. Cridland, Landscape Archt., 306 S. Smedley St., Philadelphia, Pa.*

N. C., Sparta—Alleghany County Board of

In writing to parties mentioned in this department it will be of advantage to all concerned if the Manufacturers Record is mentioned.

Commrs., M. L. Gentry, Chmn., receives bids April 15 for jail; plans and specifications on file at offices Register of Deeds, Sparta, and Benton & Benton, Archts., Fidelity Bldg., Wilson.

Okla., Ponca City—City, C. E. Norton, Clk., rejected bids for fire station; cost \$10,000, 2 stories, 31x68 ft.; G. J. Cannon, Archt.*

Okla., Ponca City—City, C. C. Osborne, Pres., Library Board, plans \$100,000 library; hollow tile, brick and stucco, concrete foundation, 2 stories, 70x125 ft., tile roof, terrazzo and maple floors, gum finish, ornamental and struct. iron, metal lath, plate glass, screens, ventilators, steam heat; G. J. Cannon, Archt., plan bond election.

S. C., Charleston—City, Judge Paul M. Macmillan, member, Courthouse Comn., plans to remodel or erect addition to courthouse; \$60,000 available.

Tex., Big Lake—Reagan County voted \$50,000 courthouse bonds. Address Board of Commrs.*

Tex., El Campo—City votes April 5 on \$12,000 city hall and fire station bonds. Address City Council.

Tex., Houston—Harris County Board of Commrs., Chester H. Bryan, County Judge, receives sketches April 12 from architects desiring to compete for furnishing designs and specifications for jail; cost \$600,000; accommodate 600; bonds voted.*

Tex., Olney—City voted \$40,000 city hall bonds. Address The Mayor.

Tex., San Antonio—City, John W. Tobin, Mayor, receives bids April 9 for remodeling Carnegie Library, Market St.; Dr. Fredk. Terrell, Chmn., Bldg. Comm.; concrete, brick and cast stone; cost \$30,000; Senter & Simons, Archts., Builders Exchange Bldg.

Dwellings

Ala., Dothan—Following erect residences: C. B. Farmer, W. B. Stephens, J. M. Jones, Helena Warrick, Mrs. John A. Thompson, D. F. Odom, T. A. West.

Fla., Avon Park—C. L. Ayers has permit for \$11,000 residence, Highland Lakes section.

Fla., Avon Park—C. M. Elsele has permit for \$16,000 residence, Highland Lakes section.

Fla., Avon Park—Lewis Elsele has permit for \$13,000 residence, Highland Lakes section.

Fla., Avon Park—O. O. Koepfel has permit for \$12,000 residence, Highland Lakes section.

Fla., Bartow—Albinson & Co. erect 4 dwellings, Hacklake Developments.

Fla., Clearwater—H. E. Abrams & Co., Inc., erect number dwellings.

Fla., Jacksonville—Vernon & Rensberger, 3515 St. Johns Ave., erect 2-story frame building, Brereton St. near Girardeau St.; cost about \$10,000.

Fla., Miami—M. L. Carrier, 2827 N. Miami Ave., erect \$10,000 residence and garage, 1053 N. W. 30th St.; 2 stories, cement block; G. C. Shaw, Archt.

Fla., New Port Richey—Jas. Becker, New York, erect residence; Thos. R. Martin, Archt., Sarasota.

Fla., Orlando—Dougherty-Young Construction Co., care Dougherty-Nichols Construction Co., 401 Equity Bldg., Muskogee, Okla., erect 25 dwellings, Parklando.

Fla., Polk City—Isaac Van Horn reported planning residence.

Fla., Polk City—H. H. Rewwer reported planning residence.

Fla., Sarasota—Wm. J. Burns, 105 Broadway, eNw York, erect \$65,000 winter residence, St. Armand's Key; 15 rooms, 5 baths; Thos. R. Martin, Archt.

Fla., St. Petersburg—T. M. Gibbs Construction Co. erect 2 frame dwellings and garages, Caesar and Alcazar Ways; total cost \$26,500.

Fla., Winter Park—Chas. F. Fawcett, care Fawcett, Smart & Shea, Milwaukee, Wis., plans \$50,000 winter residence, Ardmore; Fredk. Wallick, Archt.

Ga., Atlanta—A. H. Bailey, Glenn Bldg., erect 2 dwellings, 1195-1205 S. Ponce de Leon Ave.; 2 stories, brick veneer.

Ga., Thomasville—Lee Paul erect number dwellings.

Ga., Waycross—J. W. Booth erect residence, Byck subdivision.

Ga., Waycross—W. K. Booth, County Treas., erect residence, Byck subdivision.

Ga., Waycross—C. H. Griggs erect residence, Byck subdivision.

Ga., Waycross—Jas. Herrington erect residence, Byck subdivision.

Ga., Waycross—E. S. Pearson, Race Pond, Ga., erect residence, Byck subdivision.

Ky., Louisville—Fred Welkel, Bernheim Lane, erect 2 dwellings, 2026-28 Spring Drive; total cost \$20,000.

Ky., Louisville—Louis Herrman, 2068 East Parkway, erect \$16,000 residence, 2707 Beal's Branch Rd.

Ky., Louisville—M. F. Heil erect 5 dwellings, 1501-09 Locust St.; cost \$2000 each.

Ky., Louisville—L. LeRoy Highbaugh, Louisville Trust Bldg., erect 5 dwellings, 1056-64 Bicknell St.; cost \$2000 each.

Ky., Paducah—Charleston Investment Co., Inc., erect number dwellings; cost \$1500 to \$3000 each; brick.

La., Lake Charles—B. M. Talbot, 627 Pujot St., erect residence near Lake Charles for Mount Talbot, Barham, La.

La., Lake Charles—Abe Kushner erect residence.

La., New Orleans—R. A. W. Bowen erect \$25,000 residence, Audubon and Esther Sts.; brick veneer, 32x60 ft., slate and composition roof, warm air heating, tile baths, hardwood floors, cypress millwork, plastered interior, hot-water heaters; Francis J. MacDonnell, Archt., Hibernia Bldg., receiving sub-bids.

La., New Orleans—L. Hannibal, 1125 Gen. Pershing St., erect shingle sided residence, Desire St. near Elmira St.

La., New Orleans—Mason & Spori, Archts., Vincent Bldg., soon have plans ready for bids on raised dwelling, Valmont St. near Dufosat St.

La., New Orleans—J. J. Palmisano, 1928 Pine St., erect double cottage, Jane Alley near Broad St.; composition roof.

La., New Orleans—B. Segal, 1735 Carondelet St., erect 2 duplexes, Derbligny St., near Napoleon Ave.; 2 stories, slate roof; cost \$7500 each.

La., New Orleans—Jones, Roessle & Olschner, Archts., Maison Blanche Bldg., receiving sub-bids for single frame dwelling, Louisiana Avenue Pkwy. and Galvez St.; tile roof, baths and porches, plastered interior, automatic water heaters, copper screens, steam heat.

La., New Orleans—W. Boyd Petty, 411 Godchaux Bldg., receiving sub-bids for single frame bungalow, Aris St. near Carnot St.; composition and tile roof, hardwood floors, plastered interior, tile baths, hot-water heaters, screens, etc.; Maurice F. Petty, Archt., 1022 Valmont St.

La., New Orleans—Frank L. Nairne, 1219 Valance St., plans \$15,000 residence, Canal Blvd. and Bienville Sts.

Md., Baltimore—Salvatore Tamburo, 715 E. 22nd St., plans number dwellings and stores, Liberty Heights and Marmon Aves.

Miss., Coldwater—Baptist Church rebuild burned parsonage; brick. Address The Pastor.

Miss., Hattiesburg—W. M. Price remodel residence, 417 Bay St.

Miss., Pass Christian—Aline Realty Co., Alexander Lichtentag, Pres., 5422 Willow St., New Orleans, La., erect 150 Spanish type bungalows, connection with development; dwellings to be equipped with refrigerating apparatus, steam heat, lights, telephones, radios, gas, artesian water, salt water for showers.

Mo., Clayton, St. Louis—C. E. Bruggerman erect \$15,000 residence, Moorlands Park.

Mo., Clayton, St. Louis—Cook & Bixby erect 3 dwellings, Upper Laude St., total cost \$20,000.

Mo., Clayton, St. Louis—T. H. Herman, 76 Aberdeen Place, erect \$10,000 residence.

Mo., Kansas City—Abernathy Investment Co., 1106 Waldheim Bldg., erect 5 dwellings, W. 73rd Street Terrace; total cost \$15,000.

Mo., Kansas City—Jas. Agee, 541 Gladstone Blvd., erect \$20,000 residence, 1211 W. 60th St.

Mo., Kansas City—Emil J. Schutzel erect 3 dwellings, 5235-39 Euclid Blvd.; total cost \$12,000.

Mo., Kansas City—Agee Block Co. erect 22 dwellings, 500-20 and 501-21 S. Lawn St.; total cost \$88,000.

Mo., Kansas City—Edw. V. Gueringer, 104 S. Van Brunt Blvd., erect residence, Meyer Blvd. and Washington St.

Mo., Kansas City—Dr. A. J. Henderson, 1122 Grand Ave., erect residence, N. Huntington Rd., Stratford Gardens.

Mo., Kansas City—Phoenix Land & Im-

provement Co. erect 6 dwellings, 5505-06-08-09-10 E. 20th and 5420 E. 30th Sts.; total cost \$18,000.

Mo., Springfield—F. H. Schumacher erect residence, 511 Loren St.

Mo., St. Louis—Herman E. and Otto Lohaus started work on 7 brick bungalows, Lisette Ave. near Hampton Ave., Woodland Park.

Mo., St. Louis—Wm. E. Reasor Realty Co., 5980 Easton Ave., erect about 50 bungalows, Sunset Manor on Denny Rd.

Mo., University City, St. Louis—Dr. Carroll Smith, Humboldt Bldg., erect \$15,000 residence, 7200 Creveland Drive.

Mo., University City, St. Louis—Ida Weinberg erect 7 dwellings, 6551-53-57-59-61 University Drive and 306-10 Mellville Ave.; total cost \$40,000.

N. C., Greensboro—Dr. H. T. Kephart erect frame residence, W. Market St.; 2 stories, 7 rooms, composition roof, cost about \$10,000.

N. C., High Point—R. T. Amos has permit for residence.

N. C., Mount Airy—Capt. W. A. Jackson erect residence, Westfield Rd. near Mount Airy.

N. C., Winston-Salem—S. C. Harper, 133 S. Broad St., has permit for \$27,000 residence, Georgia Ave.; 15 rooms, brick veneer.

Okla., Oklahoma City—L. H. Capshaw erect 2 brick veneer dwellings, 609-13 Eubanks Ave.; total cost \$10,000.

Okla., Tulsa—C. D. Cooper, 2230 N. Denver St., erect \$11,000 frame and stucco residence, 2123 S. Terwilliger Blvd., 1 story.

Okla., Tulsa—J. T. Cooper erect \$20,000 residence, 2413-15 E. Second St.; 2 stories, brick and tile.

Okla., Tulsa—W. P. Z. German, 424 N. Santa Fe St., erect \$15,000 residence and \$1000 garage, 1360 E. 26th St.; 2 stories, brick veneer.

Okla., Tulsa—Glen Wilson erect 2-story stucco residence, 1121 E. 26th St.; cost about \$10,000.

Tenn., Knoxville—Mrs. H. G. Cook, Journal Bldg., erect residence, Kingston Pike and Concord Ave.

Tenn., Memphis—E. E. Hunt erect residence, West Drive N. of North Parkway, Hein Park, after plans by J. Frazer Smith and H. M. Burnham, Goodwyn Institute; English type.*

Tenn., Memphis—W. Phelps erect 3 brick veneer dwellings, 825 N. McNeil and 829-879 N. Willett St.

Tenn., Memphis—South, Whitten & Haley, Central Bank Bldg., erect 3 brick veneer dwellings, 735 N. Willett, 799 Stonewall and 729 Maury Sts.; cost \$4600 each.

Tex., Austin—H. J. Latcher Start, University of Texas Board of Regents, Orange, Tex., erect residence, 16-acre tract, Northwest Austin.

Tex., Corpus Christi—Harvey McQueen plans 200 dwellings, Del Mar subdivision; total cost \$1,500,000 to \$2,000,000.

Tex., Dallas—Dallas Home Bldg. Co., 4908 S. Central St., erect 6 frame cottages, 1218-19-22-23-26-27 Galloway St.; 5 rooms, cost \$2250 each.

Tex., Dallas—F. T. Eughinspaugh erect \$12,000 residence, 4119 Holland St.; 9 rooms, brick veneer.

Tex., Dallas—O. A. Teal, 5822 Gaston St., erect 2 brick veneer cottages, 6140-6148 Prospect St.; 6 rooms; total cost \$10,000.

Tex., Denton—M. L. Martin erect \$25,000 Colonial residence; brick veneer, 2 stories; J. B. Davies, Archt., 1308 Hemphill St., Fort Worth.

Tex., Fort Worth—G. P. Tunstill erect \$25,000 brick veneer residence, Windsor Place.

Tex., Houston—L. A. Cato, 1909 Tuam Ave., erect \$13,000 residence and garage, 1709 Ruth St., Alameda Place.

Tex., Houston—W. A. Depenbrock erect 2 frame dwellings, 309-11 North St.; 6 rooms, frame; total cost about \$10,000.

Tex., Houston—F. E. Fritzsching erect 2 brick veneer dwellings, 1115-17 Burton St.; 6 rooms; total cost \$5500 each.

Tex., Houston—F. R. Swetland erect \$10,200 residence, 2603 Ruth St., Washington Terrace addition.

Tex., Houston—Dr. David Greer, 3717 Main St., erect brick veneer residence, Calumet Ave. and Crawford St.; 2 stories, 7 rooms.

Tex., Houston—Geo. S. King, Union Natl. Bank Bldg., erect \$10,000 residence, Southampton; 2 stories, 7 rooms, brick veneer;

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Brickey, Wiggins & Brickey, Archts., State Natl. Bank Bldg.; receiving bids.

Tex., Houston—Louis Pizzo, 3102 Hamilton St., erect 4-room frame residence and garage, 3113 Bell St.; cost about \$10,000.

Tex., San Antonio—Elizabeth Edwards erect \$12,000 duplex, Summit Ave.; 8 rooms.

Va., Richmond—John T. Powers, 3117 Carolina Ave., erect 2 brick dwellings, 3114-3120 Grayland Ave.; total cost \$12,000.

Va., Richmond—J. McG. Miller, 22 N. 9th St., erect \$17,500 residence, 3814 Seminary Ave.

Va., Richmond—Muhleman & Kayhoe, 108 N. 9th St., erect 6 dwellings, 3417-21, 3423-33 Hanover, 1210-14 Graycourt Aves.; total cost \$43,000.

Va., Richmond—Chas. H. Phillips, 807 E. Main St., erect \$12,000 brick dwellings, 3337-39 Kensington Ave.; total cost \$10,000.

Va., Richmond—Max Ruehrmund, Richmond Trust Bldg., erect brick dwellings, 210-28 Roseneath Rd.; total cost \$45,000.

Va., Richmond—C. F. Sauer, Sr., Broad St. Road, erect \$12,000 brick dwellings, 4207 Monument Ave.

Va., Richmond—Dean B. Stover, 3203 First Ave., erect \$10,000 frame residence, Hawthorne Ave.

Government and State

La., Alexandria—Louisiana National Guard, care Major T. C. Richey, U. S. Army Purchasing and Disbursing Officer, erect 13 buildings at Camp Beauregard near Alexandria; cost \$70,000.

Miss., Jackson—Jackson Charity Hospital erect \$20,000 building. Address The Supt.

Miss., Jackson—State Penitentiary erect new cages and other buildings; cost \$100,000. Address The Supt.

S. C., Columbia—State remodel State Penitentiary or erect new structure; cost not over \$300,000. Address The Supt., at site.

Tex., Houston—Treasury Dept., Jas. A. Wetmore, Act. Supervising Archt., Washington, D. C., receives bids April 23 for new mezzanines in post office and courthouse; drawings and specifications from Custodian at site or from office Supervising Archt.

Hospitals, Sanitariums, Etc.

Ala., Tusculumbia—City plans election on \$75,000 bonds; amount to be combined with \$75,000 recently voted by Sheffield and \$150,000 joint hospital erected. Address City Council.

Ark., Booneville—Ancient Order of United Workmen, John R. Frazer, Grand Master Workman, Little Rock, have plans by Haralson & Nelson, Fort Smith, for \$12,500 cottage at Arkansas Tuberculosis Sanatorium.*

Fla., Jacksonville—Sisters of Charity, conducting St. Vincents Hospital, plan 200-bed hospital; \$250,000 available to help defray cost.

Ky., Lexington—Good Samaritan Hospital, S. Limestone St., opens bids April 15 for brick addition for heating and laundry plants, cost \$40,000; 2 stories, 42x90 ft., cement floors, stone and cement foundation, built-up composition roof; equipment, etc., \$35,000; F. L. Smith, Archt., 439 E. Main St.; Wallace Hoising, Engr., Starks Bldg., Louisville. Address Archt., Lexington, or C. F. Reichert, Starks Bldg., Louisville. See Machinery Wanted.*

Miss., Greenville—King's Daughters Circle, Fred Scheiben, Chmn., Bldg. Comm., probably let contract at \$159,457 to Kaucher-Hodges & Co., Shrine Bldg., Memphis, Tenn., for hospital; 100 beds, reinforced concrete skeleton, tile curtain walls, stucco, 4 stories, 180x42 ft., concrete and terrazzo floors, spread footing foundation, concrete slab and built-up roof; Walter F. Schulz, Archt., 870 Shrine Bldg., Memphis.*

S. C., Columbia—State erect \$150,000 building for negroes at State Hospital. Address The Supt.

Tex., Austin—City, W. D. Yett, Mayor, votes May 15 on \$100,000 bonds for new equipment and addition to Robert Breckenridge Hospital.

Tex., Electra—Drs. Ogden and Parmley having plans drawn by Voelcker & Dixon, Morgan Bldg., Wichita Falls, for \$65,000 brick and reinforced concrete hospital.*

Tex., San Angelo—Kansas City, Mexico & Orient Ry. Co. of Texas, M. L. Mertz, Treas., erect 50-room permanent hospital.

Hotels and Apartments

Ala., Birmingham—Union Realty Corp., Henry H. Cobb, Pres., 1713½ Second Ave. North, opens bids April 12 for erection of \$1,500,000, 19-story, 350-room Thomas Jefferson Hotel, S. W. Cor. Second Ave. and 17th St.; D. O. Whildin, Archt., 515 N. 21st St.*

Ark., Eureka Springs—Claude Fuller and Albert G. Ingalls purchased Basin Park Hotel, expend \$50,000 for improvements.

Fla., Daytona Beach—Henry W. Haynes, Propr. of Princess Isseena Hotel, announces erection of another hotel in same neighborhood.

Fla., Gainesville—G. Lloyd Preacher & Co., Inc., Archts. & Engrs., Wynne-Claughton Bldg., Atlanta, Ga., advise in regard to erection of 10-story, reinforced concrete, fireproof, 100-room Dixie Hotel: "We are now preparing working drawings which will be completed in about 2 weeks, at which time bids will be taken and contract awarded for construction." Owners are North Florida Realty Co., W. McKee Kelley, Pres., 659 Central Ave., St. Petersburg.*

Fla., Hollywood—Miller & Koll erect \$25,000, 2-story, 12-family apartment house, Seventh Ave and Johnson St.

Fla., Hollywood—Robert L. Utterbausk erect \$40,000, 2-story, 4-family apartment house, Taylor St.

Fla., Jacksonville—R. B. Rutledge and associates contemplate immediate erection of \$200,000, 3-story, brick, 30-apartment building on St. John's Ave.

Fla., Leesburg—Lawrence Quigg, Jacksonville, promoting erection of \$400,000 hotel; W. L. Chafin engaged as Conslt. Archt.*

Fla., Miami—R. L. Meyers, Willard Hotel, erect \$20,000, 8-unit apartment house, 2280 S. W. Fourth St.

Fla., Miami—Thos. R. Humphrey erect \$67,000, 3-story building, N. W. cor. S. W. Fifth St. and Eighth Ave.; 6 stores on ground floor, 14-family apartments on floors above; plans to erect 60-family apartment house on S. W. Ninth Ave. this summer.

Fla., Miami—Hassell & Dupree, 1701 W. Flagler St., erect \$10,000, 1-story, 4-family apartment house, S. W. 28th Court and Fourth St.

Fla., Palm Beach—John Dewey, William A. Taylor, 205 Collins Ave., and Miss Elizabeth Lynch, 12 E. 54th St., all New York, reported interested in erection of \$1,950,000 Spanish type co-operative apartment building, North Trail and Atlantic Ave.

Fla., Sarasota—Col. Ralph C. Caples and A. E. Cummer acquired Blackburn Building, Main St. and Palm Ave.; tentative plans call for erection of hotel or office building.

Fla., St. Petersburg—G. W. Cashman and Staff, Inc., erect \$105,000, 64x135-ft., 62-room, 2-story, tile, 15-apartment building on Snell Isle Blvd.

Fla., St. Petersburg—W. V. Lawton erect \$45,000, 3-story, tile, 14-apartment house, 324 Wood St.

Fla., St. Petersburg—Tom Payne Realty Co., First Ave. and 14th St. N., plans erection of hotel in Bayour Heights development.

Fla., Tarpon Springs—Palmer & Davis erect \$25,000 apartment house with 8 suites of 3 rooms and bath, Live Oak and Walton Aves.

Fla., West Palm Beach—C. H. Denrose erect \$20,000, 2-story, 4-family apartment house on Tallahassee St.

Ga., Brunswick—Board of Trade committee promoting erection of 5 or 6-story hotel; Hockenbury System, Inc., Harrisburg, Pa., made survey; R. L. Beutell, Atlanta, also interested.

Md., Baltimore—Edward J. Storck, Munsey Bldg., erect \$50,000, 3-story apartment house, E. 32nd St., near Guilford Ave.

Mo., Independence—George S. Jackson Co., 809 N. Jefferson St., St. Louis, recommended to Chamber of Commerce the erection of \$275,000, 65-room hotel.

Mo., Kansas City—J. E. Dunn erect brick 8-apartment house at 3811 Mercer St.

Mo., St. Louis—Stuyvesant Realty & Building Co. reported to erect \$750,000 hotel and apartment building, 3708 Lindell Blvd.; Preston W. Bradshaw, Archt., International Life Bldg.

Mo., St. Louis—Niehaus & Metal, 2427 S. Broadway, erect three 2-story, brick, 25x44 ft. tenements, 6017-21-25 Carlsbad St.; \$15,000, composition roofs, furnace heat.

N. C., Brevard—Chamber of Commerce promoting erection of tourist and commercial hotel.

N. C., Bryson City—August M. Edwards,

Clearwater, Fla. (See Buildings Proposed—Miscellaneous.)

Tenn., Jonesboro—Boyd A. Smith, Chmn. of hotel committee, announced site has been donated for proposed hotel building.

Tenn., Jonesboro—W. P. Shipley, Robert M. May and John D. Cox promoting erection of tourist hotel.

Tex., Brownsville—Young Estate purchased site for \$50,000, 4-story, brick and concrete apartment building.

Tex., Dallas—Lee White, 814 E. 6th St., erect \$16,000, 20-room, brick veneer, 4-apartment house, 4132-4 Prescott St.

Tex., Dallas—W. A. Craighead erect 16-room, 4-apartment, brick veneer and 10-room, brick veneer 2-apartment houses, 3823-5-19-21 Wendelken St.; \$21,500.

Tex., Dallas—Dr. W. W. Shortal, 6005 Swiss St., erect \$85,000, brick veneer, 2-story, stone trim apartment house, 4806 Swiss Ave.; automatic refrigeration, ventilating system; Bertram C. Hill, Archt., Liggett Bldg.

Tex., Dallas—W. W. Walker, Maple Rd., erect 56-room, brick veneer, 16-apartment building, 4517 Swiss St.; \$36,000.

Tex., Dallas—Mrs. Arthur Leafe, care 802 N. Marsalis St., owner of apartment house recently burned at \$25,000 loss, reported to rebuild.

Tex., Edinburg—W. R. Montgomery, head of local hotel committee, signed contract with C. D. Robb, 506 Taylor St., Fort Worth, to erect \$150,000, fireproof, 4 or 5 story, 75-room hotel.

Tex., Fort Worth—J. E. Neal erect \$48,000 brick and tile apartment building, 1431 Lipscomb St.

Tex., Houston—H. E. Blumberg erect \$12,000 frame and brick veneer 4-apartment house and garage, 4511 Conner St.

Tex., Houston—H. A. Delery, 2511 Crawford St., erect \$13,500, frame and brick veneer apartment house with garage, 4016 Chartres St.

Tex., Houston—Herman Ullrich erect \$12,011, brick veneer apartment house and garage, 309 W. Clay St.

Tex., Mineral Wells—Carr P. Collins, Fidelity Union Bldg., Dallas, and Associates selected Lang & Witchell, 300 American Exchange Bank Bldg., Dallas, Archts., for \$1,000,000, 100x200 ft., pavilion and hotel, to be known as Crazy Hotel; Withers & Merrell, Asso. Archts., 104½ Oak St., Dallas.*

Tex., Sweetwater—Rufus Wright and L. McAlester Stevenson announced immediate construction of 1 or more stories to Hotel Wright Annex.

Tex., Quanah—W. H. Crawford erect 22-room brick hotel.

Tex., Waco—Dr. C. A. Boyer erect \$10,000 2-story apartment house, 915 S. Eighth St.

Tex., Weslaco—Chamber of Commerce closed contract with Clarence A. Sheffield, Dallas, for erection and operation of \$200,000 5-story, 90 to 100-room hotel; city donated site and raised bonus of \$25,000; Stebbins & Waters selected as Asso. Archts.

W. Va., Williamson—Sam Thabit accepted plans and specifications by L. J. Dean, Simms-Keller Bldg., Huntington, for fireproof, brick and stone, 19-family apartment house, Dickerson St. and Sixth Ave.

Miscellaneous

D. C., Washington—National Capital Horse Show Assn. will rebuild grandstand and stables at Arlington Park; \$15,000.

Fla., De Land—Peninsular Yacht Club plans to erect sportman's colony, including camp homes, boat houses, etc.; Pelham Square also erect clubhouse, bathhouses, etc.

Fla., West Palm Beach—James Luis make alterations to restaurant on Dixie Highway; \$15,000.

La., Baton Rouge—Female Protestant Orphan Assn., Mrs. W. S. Payne, Pres. of Board, plans to erect new home.

La., Shreveport—Mrs. Mabel Cooper, Pres. Board of Directors, 1530 Arlington Ave., has plans by Edward F. Neild, City Bank Bldg., take bids at once for annex to Hephzibah Rescue Home; \$40,000, 3 stories, brick, reinforced concrete and tile.

Md., Annapolis—Archdiocese of Baltimore, Archbishop M. F. Curley, plans to erect 139x35-ft., 3-story and basement retreat home for Catholic men, at Severn Side on Severn River, near Annapolis; slate roof, wood floors, tile and terrazzo in baths; \$100,000; address Rev. Eugene de L. McDonnell, S. J., Loyola High School, N. Calvert St.; Hugh Kavanagh, Archt., 913 N. Calvert St., both Baltimore.*

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N. C., Bryson City—August M. Edwards, Clearwater, Fla., erect hotel, riding stable, country club, etc., in connection with development.

N. C., Raleigh—Mrs. V. J. Zimmerman has permit for \$20,000 building at West and Hillsboro Sts.

Tenn., Chattanooga—Chattanooga Automobile Club, R. L. Park, Sec., 208 Crestone Circle, erect clubhouse on Signal Mountain; Clarence T. Jones, Archt., James Bldg.

Tenn., Knoxville—Laymen's Foundation soon start work on 2-story Vegetarian Cafeteria, 507 W. Clinch Ave.; cost \$30,000, equipment \$50,000; L. M. Crowder will manage.

Tex., Beaumont—Gulf Coast Security & Realty Co., T. K. Dixon, Pres., Houston; J. S. Edwards, Sec., Beaumont, plan development of corner Park and Fannin Sts.; tentative plan calls for erection of 10-story building.

Tex., Corpus Christi—Mrs. Kathleen Jones Blanchette, Mrs. Lorine Jones Spoonette and Miss Sarah Kleburg recently purchased clubhouse at Portland; will convert into roadhouse to be known as The Sea Gull.

Tex., Denton—Women's Club, Mrs. C. C. Yancey, Chmn., plans to erect \$10,000 clubhouse in City Park.

Tex., Fort Worth—Meadowbrook Country Club has permit for \$28,000 frame clubrooms on Dallas Pike.*

Tex., Greenville—Boles Orphans' Home planning erection of second unit of home, Greenville-Quinlan Pike.

Tex., Houston—Mr. and Mrs. John Wesley Graham purchased lot, Webster and Milam Sts., for proposed music conservatory; plans to be started about Jan. 1.

Tex., San Antonio—H. L. McCune, Two Republics Bldg., El Paso, contemplates erecting \$300,000, brick, concrete and stucco tourist camp.

Railway Stations, Sheds, Etc.

Ala., Stevenson—Southern Railway Co., Henry W. Miller, Vice-Pres., Washington, D. C., and Nashville, Chattanooga & St. Louis Railway, H. McDonalds, Ch. Engr., Nashville, Tenn., plan improvements to passenger station.

Miss., Tylertown—New Orleans Great Northern R. R. Co., W. E. Farris, Vice-Pres. and Gen. Mgr., New Orleans, La., reported to erect new passenger depot.

Tex., Dallas—Southern Pacific Rwy. Co., H. M. Lull, Ch. Engr., Houston, reported to erect \$1,000,000 freight terminals.

Fla., Quincy—Seaboard Air Line R. R. Co., W. D. Faucette, Ch. Engr., Norfolk, Va., reported plans improvements to station.

Schools

Ark., Fayetteville—University of Arkansas Board of Trustees approved plans by Jamieson & Spear, Arcade Bldg., St. Louis, Mo., and H. Ray Burks, Southern Trust Bldg., Little Rock, open bids April 28 for erection of engineering and agricultural buildings, to cost \$650,000.

Ark., Marianna—School Board, Hugh Mixon, Sec., plans to erect \$20,000 school for colored children.

Ark., Morrilton—Harding College, J. N. Armstrong, Pres., has completed plans for \$50,000 boys' dormitory.

Fla., Lakeland—Polk County Board of Public Instruction, Bartow, call for bids at once for construction of \$450,000 high school building.*

Fla., Miami—Dade County Board of Public Instruction, Ray L. Hamon, Supv. of buildings, selected De Garmo & Varney, 89 S. E. Sixth St., prepare plans for \$12,000, 4-room negro school at Goulds, and 10-room addition to Hialeah school; J. G. O'Reilly, 1665 S. W. 11th St., archt. for 14-room addition to Little River school; Robertson & Patterson, Calumet Bldg., archts. for 11-room building at Arch Creek; August Geiger, Calumet Bldg., archt. for Ojus school.

Fla., Miami—Public school district No. 13, including Ojus, voted \$85,000 bonds; \$60,000 for addition and remodeling and refurbishing school, balance for purchase of 3 sites; Address Dade County Board of Public Instruction.

Fla., Palm City—Martin County Board of Public Instruction, Stuart, considering erection of school building.

Fla., Polk City—Polk City school district voted \$40,000 bonds for Spanish type, 4-classroom and auditorium grade school. Address Polk County Board of Public Instruction, Bartow.

Fla., Port Tampa—City School District voted \$150,000 school bonds. Address Hillsborough County Board of Public Instruction.

Fla., Redland—Dade County Board of Public Instruction, Ray L. Hamons, Supv. of buildings, Miami, has plans in progress by De Garmo & Varney, 39 S. E. Sixth St., Miami, for \$100,000 high school building, to house Redland's Farm Life School; 12 classrooms, laboratories and living quarters for teachers.

Fla., Titusville—District No. 1, which includes Titusville, voted \$250,000 school bonds; District No. 4, Melbourne, voted \$200,000 bonds, and Eau Gallie District voted \$50,000 bonds. Address Mrs. Alice Shelbourne, Supt. Brevard County Board of Public Instruction.

Ky., Blackey—Carconne College plans to erect new buildings. Address The Pres.

Ky., Murray—West Kentucky State Normal School selected G. Tandy Smith, Paducah, prepare plans for new training school to cost \$200,000.

La., Abbeville—Vermilion Parish School Board, J. R. Holmes, Pres., receives bids until April 22 for erecting high school building; plans and specifications may be secured from J. W. Smith, Archt., Ouachita Bank Bldg., Monroe.

Md., Baltimore—Board of Awards, Mayor Howard W. Jackson, Pres., receives bids until April 21 at office F. A. Dolfeld, City Register, City Hall, for erection of Curtis Bay School, Arlington St. at West Ave. and Alto Ave.

Miss., Columbus—Mississippi State College of Women has \$500,000 appropriation; also \$100,000 donation by B. B. Jones for new chapel, dining dormitory and gymnasium.

Miss., Hattiesburg—State Teachers College has \$100,000 appropriated for erection of practice school. Address Pres.

Miss., Hazlehurst—Board of Trustees Hazlehurst City Schools receives bids about April 30 for 2-story and basement, 40x70-ft. annex to school and repairs, painting, etc., to present building; brick exterior and bearing walls, stud partitions, wood floors, concrete foundation, composition roof, \$20,000; J. M. Spain, Archt., Millsaps Bldg., Jackson.*

Miss., McLaurin—Board of School Trustees, J. M. Carter, plans to erect new school or remodel present building.

Miss., Magnolia—Board of School Trustees contemplates erection of grammar building and home for superintendent on grammar school grounds and 1-story auditorium annex to high school; \$15,000.

Miss., Oxford—University of Mississippi has \$150,000 for new chapel and other building.

Miss., Purvis—Rocky Branch Consolidated School District voted \$18,000 bonds for brick school building. Address Lamar County Board of Education.

Mo., Cape Girardeau—Board of Education, Lee L. Bowman, Pres., receives bids until April 19 for construction of West End school building and additions to Washington and May Green schools; \$300,000; Wm. B. Ittner, Archt., Board of Education Bldg., St. Louis, Mo., recently made survey; R. K. Knox, Archt. for Board.*

Mo., Joplin—Board of Education directed Smith & VanPelt, Archts., Frisco Bldg., complete specifications for \$30,000, 5-classroom Chitwood school and remodeling and improving work at Lincoln school; \$20,000.*

Mo., Kansas City—St. Therese Parish plans to erect shrine and school, Michigan Ave., to serve as temporary church; Brinkham & Hogan, Archts., Emporia, Kansas.

N. C., Asheville—City probably vote in Oct. on \$1,500,000 school bonds; address School Board.

N. C., Charlotte—Board of School Commissioners, H. P. Harding, Supt., receives bids until April 8 for Eleventh Ward Grammar School, Hitchison Ave.; Louis H. Asbury, Archt., 1514 E. Fourth St.

N. C., Elizabeth City—Board of Education, Dr. S. W. Gregory, Chmn., Bldg. Comm., receives bids until April 13 for erection of teacherage; plans and specifications may be secured from Benton & Benton, Archts., Fidelity Bldg., Wilson.

N. C., Kinston—Chamber of Commerce committee considering raising \$150,000 fund as inducement to Disciples of Christ for location of college to take place of Atlantic Christian College at Wilson.

S. C., Charleston—R. R. Rodgers, Ravenels, E. D. Strobel and W. H. Blitch, Meggett, on Board of Trustees for erection of high school for 5 school districts; plan \$100,000 bond election last of April.

Tenn., Clinton—School Board plans to start work this summer on \$100,000 school building.

Tenn., Humboldt—Gibson County Board of Education call election this month on \$200,000 bonds for new school building.

Tenn., Knoxville—Prof. N. W. Dougherty calls for bids at once for construction of new bleachers for Shields Watkins field.

Tenn., Morristown—Morristown Normal & Industrial College will rebuild Girls' Dormitory recently burned; \$40,000, 4 stories, brick and stone, 150x40 ft., wing 50x40 ft., slate and tin roof, wood floors; Barber & McMurry, Archts., 425 W. Clinch Ave., Knoxville; address proposals to Judson S. Hill, Sixth St. North. (See Machinery Wanted—Wire Glass; Terra Cotta Trim; Flooring; Lumber.)*

Tenn., Nashville—Watkins Institute free night school, George B. Allen, principal, has plans by Marr & Holman, Stahlman Bldg., for remodeling to cost \$65,000; install \$15,000 sprinkler system, new hardwood floors, etc.

Tenn., Pikeville—Bledsoe County Board of Education let contract to W. P. Smith, Crossville, for school at Brayton and Lincoln Academy for colored children.

Tenn., Washington College—Washington College let contract to A. H. Abernathy, Johnson City, for installing new heating system in chapel; also contemplates erecting annex to administration and recitation building; R. F. Graf, Archt., Journal Bldg., Knoxville.

Tex., Alamo—Catholic Church contemplates erecting 2-story school building; Alamo Booster Club will help raise funds.

Tex., Austin—City votes May 11 on \$150,000 bonds, for completing school buildings left unfinished from former bond issue; Mayor W. D. Yett.*

Tex., Corpus Christi—Board of Trustees Corpus Christi Independent School District authorized John M. Marriott, Frost Natl. Bank Bldg., San Antonio, prepare plans for \$30,000, 6-room grade school.

Tex., Dallas—Southern Methodist University, C. C. Selecman, Pres., approved plans by Wyatt C. Hedrick, Texas Hotel, Fort Worth, start work early in April on \$150,000 Snider Dormitory, gift of Mr. and Mrs. C. W. Snider, Dallas.*

Tex., Dallas—Board of Education, C. M. Moore, Sec., Akard and Royal Sts., has completed plans by Colburn, Smith & Evans, 2006 Republic Bank Bldg., for \$120,000, 8x8 206-ft., 2-story and basement, Ruthmede School; preliminary plans under way by T. J. Galbraith, 517 Slaughter Bldg., for \$120,000 Stephen J. Hay School and by Filat & Broad, 606 Melba Bldg., for Lagow School building.

Tex., Dallas—Highland Park School Board, J. S. Bradfield, Pres., receiving bids for erecting J. S. Bradfield elementary school, Preston Road and Mocking Bird Lane; Lang & Wittchell, Archts., American Exchange Bank Bldg.

Tex., Eastland—Board of Education, Dr. J. H. Caton, Pres., selected David S. Castle Co., 701-4 Alexander Bldg., Abilene, prepare plans for \$150,000, fireproof, brick, stone and reinforced concrete school building.

Tex., Fort Worth—Board of Education, E. A. Corbett, Pres., plans to erect school building in Texas Christian University addition.

Tex., Houston—Harry D. Payne, Supv. Archt. of school system, announced preliminary sketches on Roberts, Abbott-Thompson, Fullerton and Travis schools have been approved and architectural work let to Joseph Finger; R. T. Gottlieb, Second Natl. Bank Bldg., authorized to prepare plans for 2-story buildings for Douglas, Gregory and Harvard schools; R. D. Steele, First Natl. Bank Bldg., for 8-classrooms addition to Southmore school.

Tex., Kingsville—South Texas State Teachers College plans immediate construction of swimming pool, indoor gymnasium, hot and cold showers, offices, clinic.

Tex., McLean—McLean Independent School District voted \$35,000 bonds for new school building. Address Board of Trustees.

Tex., Nacogdoches—R. F. Davis, Supt. of Schools, plans bond election for new high school auditorium and gymnasium.

Tex., San Juan—Trustees of Pharr-San Juan School District soon call election on \$80,000 bonds for additions to high school building.

Tex., Taft—Board of Education, L. C. Ivey, Pres., opened bids for erecting \$60,000, 1-story, brick, hollow tile and reinforced concrete High School building; A. C. Moeller, New Braunfels, low bidder at \$53,000; Har-

In writing to parties mentioned in this department it will be of advantage to all concerned if the Manufacturers Record is mentioned.

vey P. Smith, Archt., National Bank of Commerce Bldg.*

Tex., Waco — Baylor University, George Belew, Bus. Mgr., soon let contract for building to replace burned athletic building.

Va., Fredericksburg—State Teachers College, A. B. Chandler, Jr., Pres., contemplates extensive building program during summer of 1926; include construction of swimming pool, wing to Virginia Hall connecting this building with central heating plant, addition to faculty house.

Va., Harrisonburg—Harrisonburg State Teachers College, S. P. Duke, Pres., plans immediate construction of physical science building, providing gymnasium, classroom and temporary auditorium facilities and completion of Sheldon Hall, as dormitory to house 120 students; \$75,000; Charles M. Robinson, Archt., Times-Dispatch Bldg., Richmond.

Va., Richmond—University of Richmond, F. W. Boatwright, Pres., announced \$100,000 gift from general education board toward \$400,000 sought for new group of science buildings.

Va., Rustburg—Campbell County Board of Education considering sites for proposed school in Brookville district.

Va., Williamsburg—College of William and Mary, Dr. J. A. C. Chandler, Pres., has plans by Charles M. Robinson, Times-Dispatch Bldg., Richmond, for \$300,000, 3-story, Colonial brick science building; 150x92 ft.

W. Va., Charleston—Kanawha County Board of Education, Miss Florence Kuhn, Supt., considering erection of high school in Loudon district.

Stores

Fla., Brooksville—J. M. Rogers Department Store will expend \$10,000 for remodeling store; also erect 2 stores on Bayport Blvd., \$25,000.

Fla., Dunedin—Francis Wilson, Clearwater, purchased property, Main and Douglas Sts., plans to erect business block.

Fla., Hollywood—Emmanuel Heyman erect \$18,000 8-storeroom building, Harrison and Second Ave.

Fla., Miami—J. J. Dean, 240 S. E. 14th St., erect \$12,000 commercial building, W. Flagler St. and 13th Ave.

Fla., St. Petersburg—B. G. Letzring erect \$10,000, 2-story, frame store on 14th Ave.

Fla., St. Petersburg—J. Harrison Monroe erect \$20,000, 2-story, brick and tile store building, 1124 Central Ave.

Ga., Glennville—Dr. S. O. Edwards, S. J. Knicklighter and T. L. Howard will erect brick buildings.

Ky., Henderson—Lambert Realty Co., John Lambert, plans to erect 2-story, brick business building on Elm St.

La., New Orleans—O. H. Cheer, Mgr. A. M. & J. Solar, Ltd., 201 Royal St., has plans in progress by Weiss & Dreyfous, Maison Blanche Bldg., for reconstruction to cost \$60,000.

Md., Baltimore—Baltimore Improvement Co., J. Carey Martien, Pres., Lexington Bldg., organized with \$1,000,000 capitalization to purchase sites in retail district bounded by Baltimore, Calvert and Howard Sts. and North Ave. and construct stores and warehouses.

Md., Baltimore—Salvatore Tamburo; store, Liberty Heights and Marmon Aves. (See Buildings Proposed—Dwellings.)

Md., Baltimore—James E. Tinnott, Gaither Bldg., applied for permits for following buildings: Four stores and dwellings at N. W. cor. Gorsuch and Ellerslie Aves., 4 individual garages in rear of 518 Chestnut Hill Ave., stores and apartment house at Gwynn Oak and Oxford Aves., apartment house at Clifton and Walbrook Aves., and stores at 2652 Maryland Ave., 4105 Gwynn Oak Ave., 2901 Violet Ave., 1600 Abbottston St., 2027 Presbury St., 3005 Barclay St., 4604 Harford Road.

Mo., Kansas City—James McQueeney, 1401 Brookwood Rd., erect 3-story business building at S. W. cor. 31st St. and the Paseo.

Mo., Kansas City—D. G. Gardner, 7221 Washington St., and Carl Nordberg erect brick buildings, 1400-2 E. Eighth St.; \$20,000.

Mo., St. Louis—Isaac T. Cook & Co., Inc., Pinatone Bldg., leased building at 812 Pine St.; make extensive alterations.

Mo., St. Louis—Wagner-Grant-Bell Realty Co., International Life Bldg., purchased property in De Mun Park; reported to erect \$250,000 building to contain 4 stores, 16 apartments and garage for 25 automobiles.

N. C., Charlotte—W. R. Wearn, Vice-Pres.,

J. H. Wearn & Co., 308 E. Trade St., plans 2-story, \$35,000 business building on E. Trade St. near Brevard.

N. C., High Point—Amos & Slane erect 9 stores on Wrenn St., \$20,000.

Tenn., Chattanooga—Miller Brothers, Market and Seventh Sts., plan extensive improvements to department store, Market and Seventh Sts., to cost over \$10,000; include new show windows.

Tenn., Chattanooga—Mrs. Sarah Avery Patten purchased property, S. E. cor. Ninth and Georgia Ave.; erect 1-story structure on part of property and remodel balance.

Tenn., Dayton—B. Benkovitz and Jake Benkovitz, Chattanooga and Dayton, purchased Ford building, Market and Main Sts.; convert into department store.

Tenn., Knoxville—B. H. Sprankle, 422 W. Union Ave., plans erection of 1-story building on Locust St.; contain 3 stores, each 15x60 ft.

Tenn., Nashville—J. W. Gillespie, Stahlman Bldg., erect 4 brick stores, 29th Ave. and West End; \$15,000.

Tex., Dallas—A. Ashner Bros. erect \$20,000, 1-story and basement, brick building, 2209-11 Summers St.

Tex., Dallas—P. R. Freeman, Kirby Bldg., erect 1-story, brick stores, 2022-6 Cadiz St.; \$16,000.

Tex., Dallas—John Reasonover make repairs to building at 5458 Goodwin St., \$10,000.

Tex., Dallas—T. A. Russell erect 5 brick stores, 2703 Harwood St.; \$13,500.

Tex., Fort Worth—Adkins-Polk Co., 265 W. 15th St., erect \$30,000 brick store, College and Railroad Sts.

Tex., Houston—Mrs. M. McCollum erect \$14,000 store building at 2765 Odlin Ave.

Tex., Houston—Kessler & Dixon, 909-11 Prairie St., erect \$15,000, hollow tile, brick and steel store building, 1114 Capitol St.

Tex., San Marcos—San Marcos Mercantile Co., E. A. Diebel, Pres., will erect store and filling station, S. Guadalupe and Cheatham Sts.

Tex., Sherman—W. R. Brents and W. C. Eubanks, N. Travis St., will extend and remodel store, 110-12 N. Travis St., to be occupied by S. H. Kress & Co., C. C. Smith, Supt. of Constr.; reinforced concrete foundation, brick, steel and concrete, wood and concrete floors, Barrett roof; cost \$30,000, equipment and furnishings \$15,000. (See Machinery Wanted—Tile; Metal Ceilings; Metal Doors, Sash and Trim; Flooring; Dumb Waiters; Marble).*

Tex., Temple—Roddy Brothers replace building at Main St. and Central Ave. with \$22,000, 2-story and basement structure.

Va., Roanoke—C. D. Keffer, 318 First St., S. W., has permit for \$10,000, 3-room addition, S. Kirk Ave.

W. Va., Bluefield—C. D. Mahood and others erect 2-story building, Honaker Ave. and Walker St.; provide restaurant, filling station, garage and 12 office rooms.

BUILDING CONTRACTS AWARDED

Association and Fraternal

Fla., Tallahassee—Ancient Free and Accepted Masons and Independent Order of Odd Fellows let contract to Childs Bros. to remodel building, Adams and College Sts.; cost about \$70,000; 2 stories, 94x81 ft., cement and wood floors, concrete foundation, tin roof. See Machinery Wanted.*

Md., Baltimore—Monumental Lodge of Elks, Colored, let contract to J. D. Broom, 1608 Etting St., for addition to clubhouse, 1528 Madison Ave.; 3 stories, 46x70 ft., brick, slag roof, hot water heat; J. O. Blair, Archt., 3613 Grantley Rd.*

S. C., Greenville—Young Women's Christian Assn., Miss Ruth Hanna, Gen. Sec., let contract to G. G. Gilreath, City View, for six 8-room cottages and general bldg., etc., at summer camp, Cedar Mountain.*

Tex., Matador—Ancient Free and Accepted Masons let contract at \$19,600 to H. H. Shell & Son, Lubbock, for temple; brick, stone, 2 stories, 50x120 ft.; Kerr & Walsh, Archts., 410-11 Amarillo Bldg., Amarillo.

W. Va., St. Albans—Masonic Building Co. of St. Albans, Inc., let contract at \$25,239, including wiring, gas heating, plumbing and ventilating, to Hawley & Baier for temple; brick, hollow tile, limestone trim, composition roof, 2 stories and part basement, 40x75 ft.;

Theaters

Fla., Brooksville—Allen Hawkins announced immediate erection of \$50,000, 80x100 ft. moving picture theater, Broad St. and Brooksville Ave.; seat 1000 to 1500, fireproof; J. T. Hamill, Archt., Tampa.

Fla., Brooksville—Allen Hawkins announced construction of \$50,000 motion-picture theater.

Fla., Miami—Allapattah Theater Corp., J. D. McRae, Pres., Box 362, Allapattah Station, planning to erect several theaters in South Florida. (See Contracts Awarded—Theaters).*

Fla., Vero Beach—William Atkin, Vice-Pres. Vero Beach Bank & Trust Co., purchased site on Pueblo Drive for proposed theater building to include 30-ft. stage, 2 balconies, etc.

La., Leesville—G. R. Ferguson soon let contract for Spanish type theater and office building; theater 45x130 ft., 1 story; office building 2 stories, 42x80 ft.; F. W. Steinman & Son, Archts., 411 San Jacinto Life Bldg., Beaumont, Texas.

N. C., Henderson—Stevenson Theaters, Inc., S. S. Stevenson, Gen. Mgr., erect \$100,000 theater building.

Mo., Kansas City—DeFoe & Besecke, 1704 Baltimore St., Archts., preparing plans for enlargement of Roanoke Theater on 39th St.

Warehouses

Ala., Birmingham—R. G. Stewart, Pres. Pan-American Petroleum & Transport Corp., 944 St. Charles St., New Orleans, La., reported considering establishment of distributing point; include erection of warehouses, office building, etc.

Ala., Mobile—Alabama State Docks Commission, William L. Sibert, Chmn., Second Floor State Office Bldg., receives bids until April 12 for furnishing and constructing structural steel and roof of 900x230-ft. cotton warehouse.*

Ark., Pine Bluff—Fred Senyard, 329½ Main St., will erect warehouse to be occupied by Standard Paint Co., 519 Main St.

Fla., Miami—McDonald Electric Co., 332 W. Flagler St., erect \$30,000, 2-story, cement block warehouse, 357 N. W. Sixth St.

Fla., Tampa—W. E. Harris, 5803 Florida Ave., erect \$10,000 warehouse on Rome Ave.

N. C., High Point—Tomlinson Chair Co. erect \$45,000 warehouse, also \$100,000 showroom and office building.

Tex., Galveston—Galveston Wharf Co., George Sealy, Pres., 2324 B St., soon have completed plans by R. M. Sias, care Owners, for 2-story, 330 sq. ft. cement and hollow tile warehouse on waterfront. (See Machinery Wanted—Hollow Tile; Wire Glass).*

Tex., Greenville—Greenville Mill & Elevator Co. soon start work on \$50,000, steel and reinforced concrete warehouse.

Tex., Houston—J. W. Northrop, Jr., West Bldg., taking bids for 2-story, reinforced concrete, brick and tile warehouse, Commerce Ave. and Hamilton St., for J. L. Jones, Cotton Exchange Bldg.

Walter F. Martens, Archt., Morrison Bldg., Charleston.*

Bank and Office

Fla., Jacksonville—Southern Enterprises, Inc., controlled by Famous Players-Lasky Corp., 485 Fifth Ave., New York, erect \$1,000,000 fireproof theater and office building, E. Forsyth and Newnan Sts.; steel and masonry, 8 stories, 117x158 ft., reinforced concrete floors and foundation; R. E. Hall & Co., Archts.-Engrs., 231 W. 43rd St., New York; Geo. A. Fuller Co., Contr., Fuller Bldg., New York, Jacksonville and Miami, Fla.; plans complete in about 10 days; plans probably out for heating, plumbing, electric light and power and elevators in about 2 weeks. Address Contr., Miami, Fla. See Machinery Wanted.*

Fla., Miami Beach—Meteor Transport & Trading Co., W. Raymond Callaway, Pres., erecting \$50,000 office building.

La., New Orleans—J. B. Levert Land Co., Inc., 23 Carondelet St., erect 1-story salesroom, St. Charles Ave. and Thalia St.; J. A. Haase, Jr., Contr., 115 S. Hennessy St.

La., New Orleans—J. Hoadley & Sons Co., Bloomington, Ind., has stone work contract for Whitney Central Trust & Savings Bank, Canal Street Branch; Emile Weil, Inc., Archt.; Geo. J. Glover Co., Inc., Contr., both Whitney-Central Bldg.*

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La., New Orleans—New Orleans Cotton Exchange, repair building damaged by fire; cost \$27,610; Chris Larsen & Son, Contrs., Canal-Commercial Bldg.

La., New Orleans—Truscon Steel Co., Carondelet Bldg., has metal window contract for \$4,000,000 Canal-Commercial Bank & Trust Co. bank and office building; structural steel, McClintic-Marshall Co., Pittsburgh, Pa.; Emile Weil, Archt., Whitney Bldg.; O. M. Gwin Construction Co., Contr., Union Indemnity Bldg.*

Mo., Cape Girardeau—Marquette Cement Co. let contract for \$50,000 office building to Gerhardt Construction Co.

Mo., St. Louis—Audrey Realty Co., 416 Wainwright Bldg., erect office and dwelling, 3612-14 Hartford St.; cost about \$10,000; 1 and 2 stories, 15x42 ft. and 50x42 ft., composition roof; O. J. Krelg, Archt., 1005 Arcade Bldg.; Huger & Buecker Construction Co., Contrs., 801 Wainwright Bldg.

S. C., Anderson—Citizens National Bank let contract for \$10,000 building to Townsend Lumber Co.; 2 stories, brick, rift pine and tile floors, 40-lb. tin roof; electric work, Webb Electric Co.; plumbing, Reed & Gailey Bros.*

Tex., Luling—Drs. Pitt, Benbow and Henry let contract to B. R. Heath, Builders Exchange Bldg., for \$10,000 office building; reinforced concrete, hollow tile and stucco, 2 stories; Morris & Noonan, Archts., Builders Exch. Bldg., both San Antonio.*

W. Va., White Sulphur Springs—Bank of White Sulphur Springs, E. C. Curry, Cashr., let contract to H. B. Agsten & Sons, Charleston Natl. Bank Bldg., Charleston, for bank building; heating and plumbing, West Virginia Heating & Plumbing Co., Hale St.; electric work, Schofield-Harvey Electric Co., Kearse Theater Bldg.; Warner, Tucker & Patterson, Archts., Masonic Temple Bldg., all Charleston.*

Churches

Ala., Carbon Hill—Baptist Church started work on \$20,000 building; 2 stories, brick. Address The Pastor.

Ga., Pembroke—Baptist Church erect brick veneer church; plans by Architectural Board, Southern Baptist Convention, Nashville, Tenn.; Mr. Jones, Contr., Claxton. Address The Pastor.

La., New Orleans—Roman Catholic Diocese of New Orleans erect building, Apricot and Fern Sts.; cost \$26,000; Jos. Fromherz, Inc., Contr., Title Guarantee Bldg.

La., Plaquemine—St. John's Evangelist Church let contract at \$180,711 to J. V. & R. T. Burkes, 1402 New Orleans Bank Bldg., for face brick and cast stone building, 70x250 ft., tile and other floors, concrete foundation, tile roof; Emile Weil, Inc., Archt., ing not let; electric work by owner; tile roofing to Horace White, Baronne St., all New Orleans; sub-bids in.*

La., Shreveport—St. Paul's M. E. Church erect brick building, Pierre Ave. and Looney St.; W. G. Butler, Inc., general contract at \$26,360.

S. C., Lancaster—First Baptist Church, Rev. J. S. Carpening, Pastor, let contract to J. C. Heslep for \$36,000 Sunday school; brick, 3 stories, 78x48 ft., hardwood floors, concrete foundation, tin roof; heating and plumbing in gen. contract; items to be purchased include chairs for all depts. and pianos; J. H. Sams, Archt., Carolina Bank Bldg., Columbia. Address Owner.*

Tex., Houston—Emmanuel Baptist Church, Rev. J. H. H. Ellis, Pastor, let contract for \$50,000 building, Millwood and Moss Sts., East Norhill, to C. E. Williamson, 625 Merrill St., on percentage basis; 76x105 ft., 3 stories and basement, brick veneer, hardwood interior finish.

Tex., Olney—Lutheran Church erect brick building; 1 story and basement, 35x70 ft.; Voelcker & Dixon, Archts., Morgan Bldg., Wichita Falls; D. N. Darnall Bros., Abilene, contract at \$19,360.

Tex., Wichita Falls—J. C. Koriath Plumbing Co., Sherman, has contract at \$13,371 for plumbing work for \$100,000 Sunday school; wiring, Hudgins Electric Co., \$2261; Voelcker & Dixon, Archts., Morgan Bldg., Cato Construction Co., Contr.*

Tex., Wichita Falls—Mexican R. C. Church, Rev. Lawrence Hoyt, Pastor, erect \$10,000 building; 1 story, brick; Taylor Bros., Contrs., 302 Oak St.

City and County

Fla., Sarasota—Samuel Yellin, 5520 Arch St., Philadelphia, Pa., has iron work contract for \$500,000 Sarasota County courthouse;

Dwight James Baum, Archt., Riverdale on Hudson, New York, and Sarasota; Stevenson & Cameron, Contrs., 37 W. 25th St., New York.*

Ga., Thomasville—Thomas County, S. L. Heald, Clk., let contract to Manly Jail Works, Dalton, Ga., for 4 toolproof cells.*

Dwellings

Fla., Arcadia—L. B. Mershon started work on Spanish type duplex, Hickory St.; F. E. Munson, Contr.

Fla., Avon Park—A. B. Nestor started work on 3 dwellings, Cherokee Heights; total cost \$15,000; may erect additional 4.

Fla., Coral Gables, Miami—Jos. Kovacs erect \$14,000 dwelling and garage, 426 Avenue Minorea; stucco, tile roof; Frank Wyatt Woods, Archt., New Halcyon Arcade.

Fla., Coral Gables, Miami—Jos. Kresse erect two \$20,000 dwellings, 4494-12 Palmarito St., Riviera section; 6 rooms; Robt. L. Weed, Archt., 328 N. E. Second Ave., Miami; Geo. E. Batchelor, Inc., Contr., Coral Gables Inn.

Fla., Howey—W. J. Howey let contract to W. E. Boyce & Co. for \$55,000 residence; Spanish type, 2 stories, 127x42.6 ft., ornamental cement stone, wrought iron grilles, tile hall and porch floors, steel sash and frames (casement sash), cast cement stone stairs, wrought iron railing, vapor system of heat, air washer, old mission tile roof, copper gutters and down spouts; Katherine Coffield Budd, Archt., 342 Madison Ave., New York. See Machinery Wanted.

Fla., Jacksonville—R. D. Baldwin erect \$30,000 residence, Willow Branch Terrace near St. Johns Ave.; J. C. Ponder, Contr.

Fla., Jacksonville—A. N. Locke, 217 W. Ashley St., erect \$14,000 building, Seminole Rd., near St. John's River; 2 stories, brick veneer; Henry Taylor & Sons, Contrs., 903 Lackawanna St.

Fla., Jacksonville—Waterfront Realty Co., M. V. Gress, Vice-Pres., not erecting \$36,000 dwelling, Rosselle and Riverside Sts., as lately reported; erecting 6 stores and office building; structure 75 per cent complete; W. T. Hadlow, Contr., Baldwin Bldg.*

Fla., Jacksonville—Block Corp., R. H. Block, member, has permit for 10 1-story frame dwellings, Richmond St., Murray Hill; total cost \$45,000.

Fla., Jacksonville—Mrs. C. G. Buccell, 1641 Walnut St., erect \$25,000 residence, W. side Edgewood Ave. near Pine St.; J. C. Ponder, Contr.

Fla., Marianna—Riley Grant started work on residence.

Fla., Miami—W. R. Becker, 1837 N. W. 18th Terrace, started work on \$25,000 residence, N. E. 77th Terrace near Fourth Ave.; Spanish and Moorish types.

Fla., Miami—Normandy Beach Properties, Inc., 201 E. Flagler St., let contract for 12 Spanish type bungalows, Isle of Normandy, to Garrison Construction Co., New York and Miami Beach; total cost about \$100,000; owner to erect additional dwellings at cost of about \$375,000.

Fla., Miami Beach—Carl G. Fisher erect \$175,000 dwelling, south of Allison Island, and \$150,000 dwelling, Belle Island; owner builds.

Fla., Orlando—Don John, Inc., broken ground for 2 dwellings, Country Club Estates; 2 stories, cost \$10,000 each, tile baths.

Fla., Orlando—C. A. Roberts Co., 62 N. Orange Ave., started work on \$10,000 dwelling, Lorna Doone Park; Spanish type, 2 stories, 46.7x33.4 ft., flat roof.

Fla., Pompano—Paul M. Banker, Contr., Dayton, O., has contract for 16 dwellings, Sunylan; Wm. Brandt, Archt., Huntington, W. Va.

Fla., Sarasota—Sarasota Homes, Inc., H. K. Twichel interested, erect 12 dwellings, Whitfield Estates; total cost about \$325,000; Dwight James Baum, Archt., Riverdale on Hudson, New York, and Sarasota; contracts let; work start on April 1.

Fla., St. Petersburg—Tom Payne Realty Co. erect 60 dwellings, Bayou Heights development; Spanish, Dutch, English and Colonial types; about 8 rooms each, built-in features; contract let to Latrobe Engineering Co., Pittsburgh, Pa., and St. Petersburg, for first group of 6.

Fla., West Palm Beach—B. L. Griffin started work on residence, 46th St., Northmore; cost about \$10,000.

Fla., West Palm Beach—W. S. Paddock started work on \$11,000 residence, 55th St., Northmore.

Fla., West Palm Beach—Mrs. Anna Saun-

ders started work on \$150,000 residence, 50th and 52nd Sts., Northmore.

Fla., West Palm Beach—J. Steinfeld erect \$12,000 residence, Welton Blvd. near Dixie Highway; R. J. & F. W. Blanford, Contr.

Fla., West Palm Beach—D. Watts erect \$16,000 residence, Sunset Rd. near Lake Ave.; R. J. & F. W. Blanford, Contr.

Ga., Columbus—W. C. Lunsford, 1018 16th St., has permit to erect dwelling, 18th St. and 16th Ave.; also remodel store front, 1200 Broad St.

La., New Orleans—Fidelity Homestead Assn. and Miss Katherine M. Lehon erect \$10,000 double cottage, Crete and Lapage Sts.; Edmond Michel, Contr.

La., New Orleans—Abraham Goldman, 2900 Napoleon Ave., erect two \$10,500 duplexes, Derbigny St. and Napoleon Ave. and Derbigny and Roman Sts.; Bernard Segal, Contr., 1735 Carondelet St.

La., New Orleans—Peoples Homestead Assn. erect \$15,000 duplex, Carrollton Ave. and Green St.; E. O. Rogers, Contr.

La., New Orleans—Dr. Jos. M. Woodward, Maison Blanche Bldg., let contract to F. E. White, Jr., 427 Carondelet St., to remodel 2-story residence, 435 Audubon St.; oil-burning system, low-pressure steam heating, hardwood and tile floors, new plumbing, electric work, frame and stucco; G. G. Foster, Archt..

La., New Orleans—Peoples Homestead Assn., 327 St. Charles St., erect raised bungalow, Nashville Ave. and Clara St.; single 2-story dwelling, State St. Drive and Claiborne St., and 2-story duplex, Maple and Hampson Sts.; total cost \$35,560; Paul G. Charbonnet, Contr., 5417 Story St.

La., New Orleans—John W. Jackson, 516 Elmira St., and Suburban Building & Loan Assn., Maison Blanche Bldg., erect \$17,350 raised single residence, Elmira and Eliza Sts.; Theo. J. Lawson, Contr., 1624 Newton St.

Md., Baltimore—Rocco Marino, 305 N. Exeter St., erect 2 brick dwellings and garages, 4118-20 Belle Ave.; 2 stories, 26x26 ft. and 26x27 ft., slate roofs, steam heat; total cost about \$10,000; Clarence L. Jains, Archt.-Contr.

Md., Baltimore—Hopps & Lamb, Inc., 526 E. Monument St., erect 3 frame dwellings, S. E. cor. Gittings and Bellona Aves.; 2 stories, 14x44 ft., slate roofs, hot water heat; total cost \$15,000; A. W. Coote, Archt.; owner builds.

Md., Baltimore—Dr. Arthur L. Bloomfield, Calvert Court Apts., let contract for \$10,000 residence, St. George's Rd., to Wm. H. Sands, Towson; 3 stories, 57x28 ft. and 20x20 ft., slate roof, beech, linoleum and tile floors, stone foundation, hot water heat; T. Worth Jamison, Archt., Central Savings Bank Bldg.*

Md., Baltimore—Cityco Realty Co., 7 St. Paul St., erect about 50 bungalows and cottages, Hermann Park; 2 stories, 26x25 ft., frame, steam heat; Fredk. E. Beall, Archt., 306 St. Paul St.; owner builds.

Md., Baltimore—Thomas Construction Co. erect 11 brick dwellings, Elizabeth Ave. and Bowley's Lane; 2 stories, 26x28 ft., hot air heat; total cost \$33,000; F. E. Beall, Archt., 306 St. Paul St.; owner builds.

Md., Baltimore—Milburn Realty Co., 5201 Eastern Ave., erect 40 dwellings, 600 block 18th St.; 2 stories, 16x40 ft. and 16x85 ft., hot-air heat; total cost \$90,000; Chas. T. McClure, Archt., 4515 Pimlico Rd., owner builds.

Md., Baltimore—Geo. W. Schoenhals, Munsey Bldg., erect 20 dwellings, Edmondson Ave., near Whitmore Ave.; 2 stories, brick porches; total cost about \$100,000; owner builds.

Md., Baltimore—Pistorio & Faupel Realty Co., Shirley Ave., erect 22 brick dwellings, 2400 block Keyworth Ave.; total cost about \$54,000; owners build.

Mo., Cape Girardeau—Amos Masters erect brick residence; Union Realty Co., Contr.

Mo., Cape Girardeau—C. A. Trowbridge erect \$17,500 residence; Gerhardt Construction Co., Contr.

Mo., Clayton, St. Louis—Cook & Bixby, Chemical Bldg., erect \$12,000 frame and \$18,000 stone dwelling, both Upper La Due Rd.; 74x30 ft. and 78x28 ft.; B. T. Nelson, Chemical Bldg., Archt.; Dunham Construction Co., Contr.

Mo., St. Louis—Reineke & Hoffmeister, 1804 S. Jefferson St., erect 2 brick dwellings, 3667-71 Kingshighway Park; 2 stories, 27x42 ft., tile roofs, hot water heat; total cost \$10,000; plans and construction by owner.

Mo., St. Louis—Paul Hermann broke ground for residence, Forest Hills Park.

In writing to parties mentioned in this department it will be of advantage to all concerned if the Manufacturers Record is mentioned.

Mo., St. Louis—Albert Turner, 520 N. Whittier St., broke ground for residence, Forest Hills Park.

Mo., St. Louis—C. A. Fentress broke ground for residence, Forest Hills Park.

Mo., St. Louis—J. M. Floreth, 4034 Greer St., erect \$10,000 brick residence, 4612 Carrie St.; 2 stories, 28x45 ft., tile roof, hot-water heat; O. J. Popp, Archt., Arcade Bldg.; W. M. Smith, Contr., 1365 Montclair St.

Mo., University City, St. Louis—Dr. Carroll Smith, 3664 Washington Blvd., erect \$15,000 brick residence and garage, 7200 Creveling Drive; 2½ stories, 51x57 ft., tile or slate roof, vapor heat; T. L. Johnson, Archt.-Contr., 6935 Columbia St.

Mo., University City, St. Louis—C. F. Feltz, 4751 Alabama St., erect \$10,000 brick residence, 7445 Teasdale St.; 2 stories, 37.5x32 ft., slate roof, hot-water heat; F. E. Evens, Contr., 5822 Julian St.

Mo., University City, St. Louis—F. A. Jones, 1465A Shawmut Place, erect \$10,000 residence and garage, 7449 Teasdale St.; brick, 2 stories, 37.5x32 ft., slate roof, hot-water heat; F. E. Evens, Contr., 5822 Julian St.

Mo., University City, St. Louis—Mrs. Geraldine Stinson, 1112 Sonisville St., erect \$10,500 brick residence and garage, 7135 Amherst St.; 2 stories, 28x48 ft., composition roof, hot-water heat; R. A. Dudeck, Archt.; H. W. Dudeck & Bro., Contrs., both 1452 McCausland St., St. Louis.

Mo., University City, St. Louis—Elizabeth Thies, 6312 Southward St., erect \$10,000 brick, 7137 Washington St.; 2 stories, 29x30 ft., slate roof, hot-water heat; W. R. Reese, Archt., Rankin School; L. W. Myrphye, Contr., 3034A Sullivan St.

Mo., Webster Groves, St. Louis—M. J. Ross, 721 Belt St., St. Louis, erect three \$10,000 dwellings, 250-60-70 Blackmer Place; frame, 7 rooms, 29x41 ft., 24x37 ft., 27x35 ft.; V. H. Rhodes, Contr., 6240 Delmar Blvd.

N. C., Charlotte—Cameron Morrison, Johnson Bldg., let contract to Goode Construction Co., 4 W. Third St., for \$300,000 residence, Sharon Rd.; Tudor type, conservatory, sun parlor, library; H. T. Lindeberg, Archt., 2 W. 47th St., New York; John Nolan, Landscape Archt., Cambridge, Mass.*

N. C., Greensboro—C. G. Crevensten, Jefferson Bldg., erect 7 dwellings; total cost \$59,200; also erect \$15,000 personal residence, Keogh St.; 2 stories, brick veneer, composition roof; owner builds.

Tenn., Knoxville—Worsham Bros., Empire Bldg., erect 2 Colonial dwellings, Terrace Ave., West Knoxville; brick veneer, 6 rooms, hardwood floors, steam heat; owners build.

Tex., Dallas—Eugene Pittman erecting \$25,000 residence, Loma Linda Drive; brick veneer, 2 stories.

Tex., Harlingen—Lloyd Thompson let contract at about \$15,000 to L. H. Hoskins for English type residence; frame and concrete, 2 stories, 9 rooms; Harvey P. Smith, Archt., 312 National Bank of Commerce Bldg., San Antonio.*

Tex., Houston—L. A. Cato, 1909 Taum Ave., erect \$13,000 residence and garage, 1709 Ruth Ave., Alameda Place; C. J. Frankel, Contr., Electric Bldg.

Tex., Houston—C. B. Frazer erect 7-room granite residence, Riverside; Brickley, Wiggins & Brickley, Archts., State Natl Bank Bldg.; E. Wennerstein, Contr.

Tex., Houston—Hugh Wilkin, 1708 Main St., erect 38 dwellings, Alden Place Addition; brick veneer and stucco, 1 and 2 stories, 5, 6, 7 and 8 rooms, asbestos, tile and wood shingles; total cost \$300,000; day labor.

Tex., Houston—Jos. Y. Powell, Asst. Sec. Treas., Fidelity Trust Co., 808 Main St., erecting \$16,000 residence, 2218 Rosedale St.; hardwood floors, slate roof, 2 stories, brick veneer, 8 rooms; Maurice J. Sullivan, Archt., Second National Bank Bldg.*

Tex., Sherman—E. W. Thompson, N. Wood St., let contract to Allman & Reynolds for 2-story frame residence; 30x40 ft., oak floors, concrete foundation, Creodipt shingle roof; Clyde & Rolfe, Archts. (See Machinery Wanted.*

Tex., Sherman—C. R. Van de Mark, Mgr., J. C. Penney Co. store, erect 2-story, 8-room residence and garage, 1500 block N. Wood St.; cost about \$10,000; contract let; laying foundation.

Va., Richmond—Chas. H. Phillips, 207 State Planters Bank Bldg., erecting 2 brick dwellings, 3337-39 Kensington Ave.; 2 stories, 46x40 ft., oak floors, tin and slate roofs; total cost \$10,000; Carl M. Lindner, Archt., 915 State Planters Bank Bldg.; Chas. H. Phillips & Co., Contr.*

W. Va., Charleston—H. B. Embleton, 1620 Quarrier St., let contract at \$18,000 to Dan Wright for residence and 2-car garage, 1528 Virginia St.; 2-stories and basement, 26x48 ft., brick, hollow tile, stone trim, tile roof, oak floors, poplar trim, vapor heat; Walter F. Martens, Archt., Morrison Bldg.

Hospitals, Sanitariums, Etc.

Md., Catonsville, Baltimore—Spring Grove State Hospital let contract to John Hiltz & Sons Co., 343 St. Paul Place, for stone and concrete building; 4 stories, 60x190 ft., irregular shape, Goodyear rubber tile and linoleum floors, concrete foundation, slate roof; Henry P. Hopkins, Archt., 347 N. Charles St., both Baltimore.*

Miss., Greenville—King's Daughters Circle, Fred Schelben, Chmn., Bldg. Comm., let contract at \$159,457 to Kaucher-Hodges & Co., Shrine Bldg., for 100-bed hospital; plumbing, heating, ventilation and mechanical refrigeration, J. W. Hill Plumbing & Heating Co.; elevator, Ohio Electric Co.; electric work, Dawkins Electric Co., 26 N. Second St., all Memphis, Tenn.; reinforced concrete skeleton, tile curtain walls, stucco, 4 stories, 188x42 ft., concrete and terrazzo floors, spread footing foundation, concrete slab and built-up tile and composition roof; Walter F. Schulz, Archt., 870 Shrine Bldg., Memphis.*

N. C., Charlotte—Caldwell Hospital, Inc., Lenoir, Dr. R. W. Petrie, Mgr., remodeling building for hospital; 25 beds; Louis H. Asbury, Archt., 1514 E. Fourth St., Charlotte; Henry Kistler, Contr., Lincolnton. Address Dr. Petrie. See Machinery Wanted.

Tex., Glen Rose—Drs. Gaither and Snyder erect sanitarium and bath house; hollow tile and stucco, 2 stories; Wm. C. Meador, Archt., 910 Dan Waggoner Bldg., Fort Worth; Rabe Wilson, 2326 Morrow Ave., Waco, contract at \$27,195.

Hotels and Apartments

Ark., Clarksville—Finis Blackburn, owner of Main Hotel, let contract for 16-room addition.

Ark., Little Rock—W. L. Hughes, 2301 Bragg St., let contract to J. W. Gwin, 1410 Marshall St., for 1½-story, 28x42 ft., brick veneer duplex apartment house, 2301 Bragg St.; concrete foundation, oak and tile floors. (See Machinery Wanted—Tile; Metal Ceilings; Plaster Board.)*

Fla., Winter Haven—Eloise Apartment Co., Inc., Dr. George S. Waldo, Pres., let contract to G. H. Cooper, 569 W. 182d St., New York, for \$413,000, Spanish-Moorish type, 150 co-operative apartment house in Eloise Woods; 10 stories, steel frame faced with marble, fireproof, crystal ballroom and roof garden on top of building.*

Ky., Paducah—Charleston Investment Co., George Sauerbrunn, Pres., 8034 Madison St., St. Louis, Mo., let contract to William Cunliff Construction Co., 410 N. Euclid St., St. Louis, for \$350,000, reinforced concrete, fireproof, mat brick exterior trimmed with terra cotta, Spanish type The Charleston apartment building, S. E. cor. 22d and Jefferson Sts.; 4 stories, 50 apartments; George Manske and George Bartling, Archts.

Miss., Amory—Amory Hotel & Realty Co. erect \$150,000, 4-story, 100x150-ft. hotel building on Main St.; Gauger, Korsmo Construction Co., Contrs., Fidelity Bldg., Memphis, Tenn.

Mo., St. Louis—Euclid Mutual Investment Co., 405 Buder Bldg., erect \$75,000, 3-story, brick, 60x122-ft. tenement, 3300-8 Russell St.; concrete roof, steam heat; Kennerly & Stiegmeyer, Archts., 1111-12 Title Guaranty Bldg.

Mo., St. Louis—S. Fischman, 6923 Gravois St., erect two 2-story, brick, 29x44-ft. tenements, 5276-80 Lisette St., \$12,000; also 2-story, 34x53-ft., brick, \$10,000 tenement, 4601-3 Quincy St.; composition shingle and tar and gravel roofs, hot air and steam heat; A. Fischman, Archt.-Builder, 6923 Gravois St.

Mo., St. Louis—J. H. Huether, 3435 Wisconsin St., let contract to Keller Construction Co., 510 Tower Bldg., for \$10,000, 43x50-ft., brick, 2-story tenement, 4416-18 Minnesota St.; composition roof, hot air heat; T. Brinkman, Archt., 2800 Victor St.

Mo., St. Louis—H. Luehrmann, Jr., 3633a Arkansas St., erect \$10,000, 2-story, 19x55-ft. tenement, 3723 Arkansas St.; owner is Archt.-Builder.

Mo., St. Louis—May Building & Investment Co., 808 Chestnut St., erect nine \$10,000, 2-story, brick tenements, 2117-30 Cleveland Place; gravel tile roofs, furnace heat; owner builds.

Mo., St. Louis—C. Pani, 7119 Southwest St., let contract to Kuhn & Kuhn Construction Co., 5808 Columbia St., for \$10,000, 2-story, brick, 34x51-ft. tenement, 7125 Southwest St.; gravel roof, hot-air heat.

Mo., University City, St. Louis—Ida Weinberg, 816 Chestnut St., let contract to Max Weinberg Construction Co., 816 Chestnut St., for \$40,000, 2-story, brick tenement and brick garage, 6551-61 University Drive and 306-10 Melville Ave.; tar and composition (flat) roof and tile (steel) roof; Morris L. Latner, Archt., 5579 Pershing St.

N. C., Greensboro—Foundation Co., 120 Liberty St., New York, Contrs. for \$800,000 King Cotton Hotel, let following sub-contracts: Plumbing and heating, to Hunt Bros., 407 Walker Ave., and W. W. Dick, 246 Bellemeade St., on combined bid of \$118,000; Riggs, Distler & Co., Inc., 216 N. Calvert St., Baltimore, Md., electrical work at \$21,000.*

N. C., Hendersonville—Blaine Graham Construction Co., Inc., 344 Arcade Bldg., Norfolk, Va., has contract for erection of 228-room hotel and 44-family, fireproof apartment building for Jake Wells, Richmond, Va., and Shaw Creek Road, Hendersonville; hotel 10 stories, cost \$1,000,000, on Church St., with frontage on 4th and 5th Sts.; apartment on Park Hill Inn property, cost \$300,000 furnishings cost \$20,000.*

Tex., Colorado—J. M. Thomas, Ross D. Dixon and E. E. Parkhurst let contract to Churchill-Humphreys Co., 3310 Commerce St., Dallas, for \$400,000, reinforced concrete and steel, brick with stone trim, 5-story and basement hotel building; 85 rooms with bath, theater to seat 800, 5 storerooms adjoining lobby on ground floor, 40-car garage in connection, high-speed elevators, steam heat; Young & Young, Archts., S. W. Life Bldg., Dallas.*

Tex., Amarillo—J. C. Paschall erect \$50,000, 3-story and part basement, 56x55 ft., brick, stone and reinforced concrete apartment building, by day labor; J. Roy Smith, Archt., 310 Blackburn Bldg.*

Tex., Fort Worth—J. E. Neel, 314 Wheat Bldg., erect \$48,000, 2-story and basement, brick and hollow tile, 10-apartment house, with day labor; tar and gravel roof; Wilford S. Bogue, Archt., 314 Wheat Bldg.

Tex., Houston—Lightfoot-Bolton Construction Co., 3103 Main St., erect \$13,500, brick veneer, 4-apartment building, 1221 W. Bell St.

Tex., Houston—James H. Edmonds, Caroline and Cleburne Sts., acquired property on Montrose Blvd. at Bartlett St.; started construction of 5 brick efficiency apartment buildings; \$100,000.

Tex., Memphis—E. O. Thompson, Thompson Hardware Co., soon start work with day labor, on \$60,000, 3-story and basement, brick and frame, 75x140 ft. hotel building; Shepard & Wiser, Archts., 207 Amarillo Bldg.; Amarillo, and 1208 R. A. Long Bldg., Kansas City, Mo.

Tex., Wichita Falls—E. W. Marriott and T. P. Duncan, First National Bank Bldg., let contract to J. H. Redick, at \$41,320, for 2-story, brick veneer apartment building; plumbing to Charles Hughes, 910 Indiana Ave., \$5407; wiring, C. G. Williamson, 1502 14th St., \$1310.

Va., Virginia Beach—Louis J. Laskin, Archt., New York, announced construction started on 3-story, \$80,000 apartment house, S. W. cor. Sixth St. and Virginia Beach Blvd.

Miscellaneous

Fla., Arcadia—Ralph Cannon, Contr., S. Monroe St., erecting \$10,000, 2-story, 52x87-ft., concrete block boys' dormitory at Florida Baptist Children's Home, Gibson St. and Arcadia Ave.; asphalt slate roof, pine floors, concrete foundation; Arcadia Electric Co., Magnolia St., electric work; F. H. Deloach, N. Polk Ave., plumbing; H. A. Waldron, Lee Ave., concrete blocks; J. C. Harriss, Archt.

Fla., Miami—W. R. Miller let contract to J. L. Denman, Columbia Bldg., for 3-story fish market building, S. W. cor. Flagler St. and N. River Drive; J. H. Sculthorpe, Archt., Townley Bldg.

Fla., Sebring—J. P. Stanley, Contr., Roanoke, Va., started work on 1-story, fireproof, cement block and stucco, Spanish style building on Pomegranate St., for R. I. Hartshorn and F. G. Bennett to house billiard room and pool parlor.

N. C., Winston-Salem—Winston-Salem Polo Club erecting colonial style frame clubhouse at Reynolda; Northrup & O'Brien, Archts., Starbuck Bldg.; L. C. Kimmel & Sons, Contrs., 430 Sprague St.

Tex., Fort Worth—Meadow Brook Country

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Club, care W. L. Bradshaw, 403 Reynolds Bldg., Chmn. Building Committee, let contract to J. J. Sweet, Worth Bldg., for \$20,000 addition and remodeling; E. W. Van Slyke & Co., Archts., 403 Reynolds Bldg.*

Va., Tappahannock—Richmond Beach Corp., J. D. Lawrence, Pres., 415 State & City Bank Bldg., let contract to C. J. Selvage, 305 S. Mulberry St., Richmond, at about \$50,000, for amusement stands, restaurant, bathhouses, etc., at Richmond Beach; concrete and frame, 1 and 2 stories, concrete, tile and pine floors, strip shingle and metal roofing.*

Railway Stations, Sheds, Etc.

Tex., Liberty—Texas & New Orleans R. R. Co., H. M. Lull, Ch. Engr., Houston, let contract to Beaumont Construction Co., 216 Blanchette Estate Bldg., Beaumont, for \$25,000, 1-story, 25x88 ft., frame depot.

Schools

D. C., Washington—District Commissioners, Room 509 District Bldg., let contract to A. H. Rogers, 616 Colorado Bldg., at \$23,894, for 3-story, 39.8x41.5 ft. brick cottage for colored children at Industrial Home School, Blue Plains; concrete, wood and tile floors, slate roof, concrete and brick foundation; A. L. Harris, Archt., District Bldg. (See Machinery Wanted—Flooring).*

Fla., Floral City—Citrus County Board of Public Instruction, Jesse Montague, Sec. and Supt., Tavares, let contract to Courtney Construction Co., Sebring, Fla., and Florence, S. C., at \$29,804 and \$33,525, for 2-story, about 102x64 ft., tile and stucco school buildings at Lecanto and Floral City; built-up roof, yellow pine and tile floors, concrete foundations; equipment and furnishings; cost \$5,000; George McKay, Archt., Ocala.*

Fla., Fort Pierce—Joseph A. Heine & Sons erect \$15,000 addition to St. Anastasia's School.

Fla., Lecanto—See Fla., Floral City.

Fla., Miami—Dade County Board of Public Instruction, Ray L. Hamon, Director of Building Constr., Box 2012, erecting \$275,000, 3-story, concrete and tile, 30-classroom, cafeteria and auditorium, Spanish type, Shendoah Junior High School, S. W. Tenth St.; built-up roof, wood and cement floors, concrete foundation; equipment and furnishings cost \$25,000; August Geiger, Archt., Calumet Bldg.; Fleisher Engineering & Construction Co., Contrs., S. W. Tenth St. and 21st Ave.; Harris Bros., care Gen. Contrs., heating, plumbing and electric wiring. (See Machinery Wanted—Hollow Tile; Metal Doors; Flooring).*

Ky., Winchester—Kentucky Wesleyan College, Dr. W. E. Arnold, let following contracts on \$100,000 Spencer Gymnasium: Plumbing to Grant Witt & Son; concrete work to Clarke, Stewart & Wood, 254 Irvine Rd., Lexington; Churchill & Gillig, Fayette Bank Bldg., Lexington, supervising work.*

Mo., Malden—Board of Education, T. J. Bailey, Sec., let contract to George H. Gassman Construction Co., Charleston, Mo., for \$60,000, 2-story, 97.6x122.9-ft., semi-fireproof High School building; felt and gravel roof, reinforced concrete floors and foundation; equipment and furnishings cost \$15,000; H. H. Hohenschild Co., Archts., 620-2-4 Buder Bldg., St. Louis. (See Machinery Wanted—Tile; Plaster Board; Concrete; Ventilators; Terra Cotta Trim).*

N. C., Concord—C. B. Mooney, Harrisburg, let following sub-contracts in connection with their contract at \$81,295 for erection of 2 high school buildings: E. B. Grady, heating and plumbing; Home Building & Material Co., Ashboro, millwork; Arthur Bros., Salisbury, roofing. (See Machinery Wanted—Electric Wiring; Plastering; Painting; Art Stone).*

N. C., Dunn—Board of School Trustees let contract to Byrd Bros. & Shaw, Lillington, at \$105,504, including heating and water, for erection of high school; main building 232x130 ft., 20 classrooms and auditorium; gymnasium building 90x90 ft.*

N. C., Greensboro—Negro Agricultural and Technical College, Dr. F. D. Bluford, Pres., let contract to W. J. Grantham, 116 Tate St., at \$15,650, for dairy barn, creamery building and other dairy buildings.

N. C., Kinston—Caswell Training School, Executive Committee, L. P. Tapp, Chmn., let contract to T. A. Mitchell, Central Highway, at \$17,500, for repairs to boys' dormitory; Benton & Benton, Archts., Fidelity Bldg., Wilson.*

Tenn., Memphis—Board of Education, G. W. Garner, Sec., let contract to E. J. Pearson, Fidelity Bank Bldg., at \$49,900, for

erection of Carnes negro school; McCrory Electric Co., 635 3d St., wiring; Joe T. Wallace, Archt., Bank of Commerce Bldg.*

Tenn., Townsend—Board of Education let contract to John Burns for erecting high-school building.

Tex., Austin—Texas Lutheran College, Board of Control, Rev. K. G. Manz, Sec., 603 E. 16th St., let contract to H. E. Wattinger, at \$70,423, for 2-story, 189x62-ft. concrete masonry dormitory-administration building; tile, cement, wood and composition floors, clay tile roof, concrete foundation; Harvey P. Smith, Archt., 310 Natl. Bank of Commerce Bldg.; W. E. Simpson Co., Engr., 412 Natl. Bank of Commerce Bldg.*

Tex., Breckenridge—Board of Education, James G. Harrell, Sec., let contract to A. J. Howard & Bro., W. T. Waggoner Bldg., Fort Worth, at \$78,403, for brick, stone and reinforced concrete ward school; W. G. Clarkson & Co., Archts., First Natl. Bank Bldg., Fort Worth.*

Tex., Colorado—F. A. Mote, Contr., 1509 McCoy St., Dallas, let following sub-contracts on \$101,230, 3-story high school building: Colorado Plumbing & Heating Co., plumbing and heating; Sun Electric Co., Abilene, wiring; Mosher Steel & Mch. Co., 900 S. Austin St., Dallas, structural and reinforcing steel; J. L. O'Hearne & Co., Athletic Club Bldg., Dallas, pans, lath and channels; Huttig Millwork Co., millwork.*

Tex., Denton—College of Industrial Arts Board of Regents let contract to Henger & Chambers Co., Slaughter Bldg., Dallas, at \$121,680, for 1-story, basement and mezzanine, 130x48 ft., brick, stone, steel and reinforced concrete, fireproof Bralley Memorial Library; Alfred C. Bossom, 680 Fifth Ave., New York, and Henry Coke Knight, 330 Wilson Bldg., Dallas, Asso. Archts.*

Tex., Lubbock—Board of Trustees Lubbock Independent School District let contract to Bickley Bros., Foster Bldg., Houston, to supply 1200 students' desks and sewing tables for home economics department; Wichita School Supply Co., 813 Ohio Ave., Wichita Falls, chemistry tables, domestic science tables, typewriting tables and book-keeping tables; Chambers & Co., Waco, 33 teachers' desks, 120 primary chairs; Southwestern Seating Co., 818 S. Presa St., San Antonio, represented by Con Singleton, Lubbock, 177 window shades, 4500 ft. blackboard; total cost \$9500.

Tex., Ralls—Board of Education, Joe McDuff, Sec., let contract to Canady & Starks, Floydada, at \$10,500, for 1-story, brick and tile, art stone trim school building.

Tex., Snyder—Board of Education let contract to Miller & Martin, at \$62,125, for addition to high school; New Mexico Plumbing Co., Plainview, heating and plumbing, \$6185; Simpson Electric Co., Lubbock, wiring at \$1575; Peters & Haynes, Archts., Lubbock.

W. Va., Institute—West Virginia Collegiate Institute let contract to J. L. Crouse, American Bank Bldg., Greensboro, N. C., at \$117,508, for 3-story and part basement, 192x41 ft., brick face walls backed up with hollow tile, Indiana limestone trim Boys' Dormitory; flooring of reinforced floor tile and Massillon bar joists, finished with wood floors; composition over concrete roofing, front terrace and end porches tile floors, stairs to be metal with terrazzo treads and landings; Warner-Tucker & Patterson, Archts., Masonic Bldg., Charleston.*

Stores

Fla., Largo—Ulmer Realty Co. let contract for 2-story, 40x76-ft. commercial building on Bay Drive.

Fla., Palm Beach—Hi-Mound Improvement Co. started work on \$25,000, 2-story, fireproof building in Northmore section, for Art Tile Co.; 2 storerooms on ground floor, 4 apartments above.

Fla., West Palm Beach—Mortgage Investment Co., 210 Guaranty Bldg., erecting \$89,500, 3-story, hollow tile and stucco furniture store building, 25th and Dixie, in Northwood; wood floors, concrete foundation; to be occupied by Lytal-Pratt Furniture Co.; Arnold Construction Co., Contrs., Kelsey City; Harvey & Clarke, Archts., Guaranty Bldg.; Carr & McFadden, Engrs., Guaranty Bldg.*

Miss., Jackson—H. H. Boyd let contract to J. W. Garrett, Bellhaven St., for 2-story brick annex to store, 215 W. Capitol St.

Miss., Vicksburg—A. Tonnar, 2200 Oak St., erecting 1-story, 60x40-ft., reinforced concrete and brick stores on Washington St.; wood floors, reinforced concrete foundation, 5-ply built-up roof; plans and con-

struction by E. W. Pendergraft & Son, 313 Merchants Natl. Bank Bldg.*

Mo., Sikeston—C. D. Matthews let contract to Gerhardt Construction Co., Cape Girardeau, for \$50,000 building to house 11 storerooms, garage and filling station.

Mo., Springfield—J. E. Garbee, 573 E. Elm St., has contract for Elkins-Sawyer office equipment building, E. McDaniel St.

Mo., St. Louis—A. Mayer, 4608 Gravois St., erect two 2-story, 55x53-ft. stores and dwellings, 6000-10 S. Grand and two 53x55-ft. stores and dwellings, 6104-12 S. Grand; gravel roofs, steam heat; J. Mayer, Archt., 4608 Gravois St.

N. C., Raleigh—Procter & Son erect \$50,000 brick building at 211-13 Fayetteville St.; J. E. Beaman, Contr., State Theater Bldg.

S. C., Columbia—W. S. Reamer, owner of burned building at Main and Taylor Sts., occupied by J. G. McCrory Co., 1107 Broadway, New York, will rebuild; Rutherford Innes Construction Co.

Tenn., Chattanooga—E. C. Moses let contract to Martin & Warlick Co., James Bldg., for \$50,000, 133x75-ft. building, Frazier and Woodland Aves.; 8 storerooms on first floor, 14 apartments above; exterior of face brick, hardwood floors.

Tenn., Jackson—Frank Franklin, Franklin Carriage Co., let contract to Buhos Construction Co. for \$50,000, 2-story, brick and reinforced concrete, 2 storerooms and filling station, Chester St.; R. A. Heavener, Archt., Peoples Bank Bldg.

Tex., Corpus Christi—San Antonio Machine & Supply Co., Frank B. Sechrist, Local Mgr., let contract to J. W. Birmingham, 723 King St., for concrete and tile second story addition.

Tex., Kingsville—Allen Furniture Co., Frank C. and Clyde Allen, let contract to Gunderman & Allen, San Antonio, for \$33,000, 140x100 ft., reinforced concrete and hollow tile, brick veneer building, Sixth St. and King Ave.

Tex., Vernon—Luther Webb let contract to O. A. Swinburn for \$16,000, 1-story, brick and concrete business building.

W. Va., Wellsburg—Engstrom & Co., Wheeling, has contract for 2-story, brick, fireproof Murphy's five and ten cent store.

Theaters

Fla., Miami—Allapattah Theater Corp., J. D. McKee, Pres., Box 362, Allapattah Station, erecting \$50,000, 1-story, reinforced concrete and cement block, 86x112 ft. moving-picture theater, 35th St. at 17th Ave. N. W.; steel roofing, cement and tile floors, poured concrete foundation; C. K. Bayliss, Archt.; E. A. Stuhman, Engr., 944 Seybold Bldg.; Lafond Construction Co., Contrs., 2935 18th St. S. W.; planning to erect several theaters in South Florida. (See Machinery Wanted—Tile; Flooring; Metal Ceilings; Metal Doors; Sash and Trim; Plaster Board; Roofing; Ventilators; Limestone; Terra Cotta Trim; Electric Equipment; Pipe Organs; Theater Equipment and Furnishings; Plumbing).*

Fla., Wildwood—Theaters, Inc., care Meyer M. Toddy, started work on \$100,000, 2-story, Roman architecture Strand Theater building; 5 stores, 8 offices and auditorium to seat 800; Avery & Round, Archts., 2 Roser Bldg., St. Petersburg.*

Ky., Mayfield—Columbia Amusement Co., Paducah, operator of Princess Theater, let contract to Leo F. Keiler, W. Broadway, Paducah, for erecting new stage, enlarging orchestra pit and other improvements.

W. Va., Parkersburg—Smoot Amusement Co., 724 Market St., closed contracts for erection of theater to seat 1100 and cost \$150,000.

Warehouses

Fla., Coral Gables—Moline Tile & Import Co., 946 N. Miami Ave., let contract to O. M. Harper for \$12,000 store room, 345-7 Avenue Sevilla; plans by F. Moline.

La., Monroe—Weeks Supply Co., George G. Weeks, Third and Jefferson Sts., erect \$50,000, 1-story, brick, 100x255-ft. store house, Fourth and Jefferson Sts.; concrete and brick foundation, Barrett built-up roof; equipment and furnishings cost \$3000; J. W. Smith, Archt., Ouachita Natl. Bank Bldg.; I. T. Davis, Engr.-Contr. (See Machinery Wanted—Tile; Metal Ceilings; Metal Doors, Sash and Trim; Rolling Partitions; Flooring; Vaults and Vault Lights; Ventilators; Cast Stone; Conveyor).*

Miss., Gulfport—Dr. J. L. Jones let contract for \$30,000 to \$40,000, fireproof, 100x82-ft. bonded warehouse and garage, 26th Ave. and L. & N. Railroad.

In writing to parties mentioned in this department it will be of advantage to all concerned if the Manufacturers Record is mentioned.

MACHINERY, PROPOSALS AND SUPPLIES WANTED

Air Compressor.—Hackley Morrison Co. (Mchy. Dealer), 1708 Lewis St., Richmond, Va.—Wants air compressor, capacity 100 to 150 cu. ft., arranged for belt drive.

Air Compressor.—Raymond Garage, Inc., 3740 Sullivan Ave., St. Louis, Mo.—Wants prices on air compressor.

Armatures.—Guyan Machine Shops (Mchy. Dealer), Logan, W. Va.—Wants armatures for locomotives and mining machines; Westinghouse, Jeffrey, Goodman and Morgan Gardner.

Art Stone.—C. B. Mooney, Contr., Harrisburg, N. C.—Wants sub-contract bids on art stone for \$81,295 high school buildings at Concord.

Band Mill.—See Woodworking Machinery.

Band Mill.—M. C. Thomason, Box 13, Cheraw, S. C.—Wants 6 or 7 ft. band mill, complete with trimmer, edger, five rolls, line shaft and pulleys.

Battery Equipment.—Raymond Garage, Inc., 3740 Sullivan Ave., St. Louis, Mo.—Wants prices on battery equipment.

Bending Rolls.—Hackley Morrison Co. (Mchy. Dealer), 1708 Lewis St., Richmond, Va.—Wants one set bending rolls, capacity 16 in. plate, not less than 72 in. between housings.

Belt Sander.—See Woodworking Machinery.

Blower Fan.—Queen City Glass Co., 411 Highland St., Cumberland, Md.—Wants prices on blower fan.

Boilers.—M. C. Thomason, Box 13, Cheraw, S. C.—Wants 2 boilers, 100 to 150 h.p. each, for 6 or 7 ft. band mill.

Boring Mill.—Guyan Machine Shops (Mchy. Dealer), Logan, W. Va.—Wants boring mill, horizontal table about 30x36 in.

Bottles.—J. S. Doubleday, Pres., Doubleday Manufacturing Co., Inc., Comanche St., Corpus Christi, Fla.—Wants prices on 14-oz. capacity bottles for ketchup in quantities of 10,000 to carload.

Brick-Making Machinery.—Burt Bros., R. M. Burt, Kean Block, Second St., Palatka, Fla.—Wants data and prices on machinery to make silica brick, better known as sand-lime brick, wet-pan process; entire plant equipment; correspond with manufacturers.

Bridge.—Clarksburg, W. Va. See Construction News—Bridges, Culverts, Viaducts.

Bridge.—Athens, La. See Construction News—Bridges, Culverts, Viaducts.

Bridge.—Cedar Hill, Tex. See Construction News—Bridges, Culverts, Viaducts.

Bridge.—Houston, Tex., will build 3 bridges. See Construction News—Bridges, Culverts, Viaducts.

Brushes (Radiators).—U. S. Veterans' Bureau, Supply Division, Washington, D. C.—Receives bids April 10 for 384 radiator brushes.

Bucket Elevator.—Weaver Brick Co., D. A. Weaver, Sec., McCloud, Tenn.—Wants prices on bucket elevator for brick plant.

Building Material.—J. L. Hoffman Co., Inc., Landscape Engrs., Drawer O, Decatur, Ga.—Wants building material for use in development of 1000-acre subdivision and amusement park at Albany.

Building Material.—Geo. A. Fuller Co., Miami, Fla.—Wants sub-bids on all materials and sub-contracts in all trades for \$1,000,000 theater and office building, Jacksonville.

Cable (Armored Submarine).—Supt. of Lighthouses, Buffalo, N. Y.—Receives bids April 20 to furnish approximately 18,800 ft. armored submarine cable.

Cabinet of Miscellaneous Supplies.—Marine Corps, Quartermaster's Dept., Washington, D. C.—Receives bids April 15 to furnish cabinet and miscellaneous supplies. Sch. 256.

Can-Making Machinery.—Wm. B. Reilly & Co., Inc., New Orleans, La.—Wants data and prices on machinery to make cans for packing coffee; correspond with manufacturers.

Cars.—W. M. Smith & Co., First Ave., Birmingham, Ala.—Wants 25 1-yard 2-foot gauge side dump cars.

Cast Stone.—W. E. Boyce & Co., Howey, Fla.—Wants prices on ornamental cement stone for \$55,000 dwelling.

Cast Stone.—Childs Bros., College Ave., Tallahassee, Fla.—Wants prices on cast stone.

Cast Stone.—George G. Weeks, Third and

Jefferson Sts., Monroe, La.—Wants prices on cast stone for \$50,000 storehouse.

Cast Stone.—Trustee Board, Antioch Baptist Church, 318 Andrew St., Houston, Tex.—Wants prices on cast stone for \$100,000 church.

Cement Pipe Machine.—Henry J. Edsall, the Inslee Grove, Bradenton, Fla.—Wants data and prices on machines to make cement pipe, about 6 or 8 in. size; correspond with manufacturers.

Centering Machine.—Guyan Machine Shops (Mchy. Dealer), Logan, W. Va.—Wants centering machine, capacity 5 in. round by 72 in. long.

Church Furniture.—C. L. King or Robert Woods, Pearisburg, Va.—Wants prices on general church furniture for \$4000 to \$4500 church.

Church Furnishings, etc.—Rev. A. O. Leonard, Pastor, Second Reformed Church, Lexington, N. C.—Wants prices on furnishings, etc., for \$30,000 church.

Church Furnishings, etc.—G. P. Baily, Westport Ave. and Wyandotte St., Kansas City, Mo.—Wants prices on equipment, etc., for \$20,000 Sunday school.

Church Furnishings, etc.—Trustee Board, Antioch Baptist Church, 318 Andrew St., Houston, Tex.—Wants prices on equipment, etc., \$15,000, for church.

Coaches (Passenger).—W. M. Smith & Co., First Ave., Birmingham, Ala.—Wants 2 standard gauge passenger coaches, used equipment.

Composition Flooring.—Fleisher Engineering & Construction Co., Grand Central Ave., Tampa, Fla.—Wants prices on composition flooring for \$1,000,000 hospital.

Composition Roofing.—H. E. Abrams & Co., Inc., Clearwater, Fla.—Wants prices on composition thatch roofing for dwellings.

Concrete.—George H. Gussman Construction Co., Charleston, Mo.—Wants prices on concrete flooring for \$75,000 high school at Malden.

Concrete Mixer.—James S. Simmons, 177 E. Bay St., Charleston, S. C.—Wants small concrete mixer.

Concrete Tools.—James S. Simmons, 177 E. Bay St., Charleston, S. C.—Wants concrete tools.

Conveyor.—Hackley Morrison Co. (Mchy. Dealer), 1708 Lewis St., Richmond, Va.—Wants one 36-in. belt conveyor, about 150 ft. long, 18 degree incline, with or without belt.

Copper Gutters, etc.—W. E. Boyce & Co., Howey, Fla.—Wants prices on copper gutters and down spouts for \$55,000 dwelling.

Cotton-Gin Machinery.—Kinta Co-operative Gin Co., Kinta, Okla.—Wants cotton-gin machinery.

Crane.—Benjamin F. Price, 1609 Tribune Tower, Chicago, Ill.—Wants overhead crane, between 65 and 75 ft. span, approximately 23 ft. lift, for Illinois delivery.

Cranes.—U. S. Engineer Office, 1068 Navy Dept. Bldg., Washington, D. C.—Receives bids April 30 to furnish, install and test two hand-power traveling cranes for the water-supply project for District of Columbia.

Crusher.—L. J. Breed Equipment Co., 824 James Bldg., Chattanooga, Tenn.—Wants No. 8 gyratory crusher.

Distillation Retorts.—P. O. Box No. 256, New York City—Wants second-hand apparatus that might be used for distillation retorts.

Doors, Sash, etc.—See Lumber.

Dredging.—U. S. Engineer Office, Galveston, Tex.—Receives bids April 16 to dredge Sabine-Neches waterways, Texas.

Dredging.—Comms. Gravity Drainage Dist. No. 3, C. W. Flynn, Pres., R. F. D. No. 1, Baton Rouge, La.—Receives bids Apr. 13 for dredging Hurricane Creek, approximately 28,000 cu. yds. excavation.

Dredging and Fill.—City of Bradenton, Fla., Roy K. Van Camp, Commr. Public Works—Receives bids April 14 for dredging and fill in connection with waterfront improvement; 150,000 cu. yds.

Dry Kiln Equipment.—M. C. Thomason, Box 13, Cheraw, S. C.—Wants Moore dry kiln, trucks and equipment for capacity for 20,000 to 25,000 ft. lumber daily.

Dumb Waiters.—C. C. Smith, Supt. of Constr., S. H. Kress & Co., Sherman, Tex.—Wants prices on dumb waiters for store building.

Dumb Waiters.—Trustee Board, Antioch Baptist Church, 318 Andrew St., Houston, Tex.—Wants prices on dumb waiters for \$100,000 church.

Dumb Waiters.—Beacham & LeGrand, 17-A North St., Greenville, S. C.—Wants prices on dumb waiters for \$300,000 hospital.

Dump Car.—Weaver Brick Co., D. A. Weaver, Sec., McCloud, Tenn.—Wants prices on 2-yd. "V" dump cars for brick plant.

Edger.—See Woodworking Machinery.

Electric Equipment.—Allapattah Theater Corp., Box 362, Allapattah Station, Miami, Fla.—Wants prices on electric equipment for theater buildings.

Electric Fixtures.—W. E. Boyce & Co., Howey, Fla.—Wants prices on electrical appliances and light fixtures for \$55,000 dwelling.

Electric Refrigerators.—Beacham & LeGrand, 17-A North St., Greenville, S. C.—Wants prices on electric refrigerators for \$300,000 hospital.

Electric Wiring.—C. B. Mooney, Contr., Harrisburg, N. C.—Wants sub-contract bids on electric wiring two Concord high schools costing \$81,295.

Emery Wheel and Stand.—See Woodworking Machinery.

Engines.—Savannah River Lumber Co., C. S. Brown, Supt., Gilman, S. C.—Wants prices on engines.

Engine (Hoisting).—Hackley-Morrison Co. (Mchy. Dealer), 1708 Lewis St., Richmond, Va.—Wants one double-drum hoisting engine for crane to handle ¾-yd. clam shell bucket.

Floor Tile.—W. E. Boyce & Co., Howey, Fla.—Wants prices on tile flooring for hall and porches of \$55,000 dwelling.

Flooring.—Allapattah Theater Corp., Box 362, Allapattah Station, Miami, Fla.—Wants prices on tile, terrazzo, concrete, rubber tile and composition flooring for theater buildings.

Flooring.—A. H. Rogers, Contr., 616 Colorado Bldg., Washington, D. C.—Wants prices on tile and concrete flooring for \$23,894, 3-story cottage for colored children at Industrial Home School, Blue Plains.

Flooring.—C. C. Smith, Supt. of Constr., S. H. Kress & Co., Sherman, Tex.—Wants prices on concrete and hardwood flooring for store building.

Flooring.—Fleisher Engineering & Construction Co., S. W. 10th St. and 21st Ave., Miami, Fla.—Wants prices on concrete and hardwood flooring for \$275,000 Shenandoah Junior High School.

Flooring.—Judson S. Hill, Sixth St. North, Morristown, Tenn.—Wants prices on tile and slate flooring for \$40,000, 4-story girls' dormitory at Morristown Normal & Industrial College.

Flooring.—Beacham & LeGrand, 17-A North St., Greenville, S. C.—Wants prices on tile, terrazzo and linoleum flooring for \$300,000 hospital.

Flooring.—Clyce & Rolfe, Sherman, Tex.—Wants prices on hardwood and linoleum flooring for \$7500 dwelling.

Flooring.—A. Ten Eyck Brown, 717-20 Forsyth Bldg., Atlanta, Ga.—Wants prices on tile, terrazzo, hardwood, linoleum and rubber tile flooring for \$1,000,000 city hall.

Flooring.—Geo. A. Fuller Co., Miami, Fla.—Wants prices on tile and terrazzo flooring for \$1,000,000 theater and office building, Jacksonville.

Flooring.—George G. Weeks, Third and Jefferson Sts., Monroe, La.—Wants prices on tile, concrete, hardwood and linoleum flooring for \$50,000 storehouse.

Flooring Tile.—H. E. Arams & Co., Inc., Clearwater, Fla.—Wants prices on hexagonal and square flooring tile.

Flooring.—Trustee Board, Antioch Baptist Church, 318 Andrew St., Houston, Tex.—Wants prices on tile and hardwood flooring for \$100,000 church.

Galvanized Wire, etc.—Mississippi River Comsn., First and Second Dist., 1006 McCall Bldg., Memphis, Tenn.—Receives bids April 12 to furnish and deliver 557,000 lbs. galvanized wire, wire strand and staples and 30,000 wire rope clips.

Garage Equipment.—Raymond Garage, Inc., 3740 Sullivan Ave., St. Louis, Mo.—Wants prices on repair shop equipment, including wash rack.

Gate (Farm).—Henry J. Edsall, the Inslee Grove, Bradenton, Fla.—Wants data and information on making farm gate to close automatically.

In writing to parties mentioned in this department it will be of advantage to all concerned if the Manufacturers Record is mentioned.

Generator Set.—Equitable Equipment Co., Whitney Bldg., New Orleans, La.—Wants 125 to 150 kw., 3 phase, 60 cycle, 440 volt turbo generating set for 150 lbs. steam pressure.

Generator Set.—The Randle Machinery Co., 1723 Powers St. (Cumminsville), Cincinnati, Ohio.—Wants one 50 to 75 kw., 3 phase, 60 cycle, 440 volt generator, direct connected to modern steam engine, and one 15 to 20 kw., 125 volt D. C. generator, direct connected to engine.

Grass Seed.—Marine Corps, Quartermaster's Dept., Washington, D. C.—Receives bids April 10 to furnish 800 lbs. grass seed; delivery Quantico, Va. Sch. 524.

Gravel.—Louisiana Highway Comn., Baton Rouge—Receives bids April 27 to furnish 10,222 cu. yd. washed and screened gravel, 6345 cu. yd. to be delivered at Terras, La.; 3877 cu. yd. at Innis, La. T. & P. R. R., to surface Terras-Innis Highway, Pointe Coupee Parish; plans on file; W. B. Robert, State Highway Engr.

Gravel.—State of Louisiana—See Construction News—Roads, Streets, Paving.

Gravel.—Houston, Tex. See Construction News—Roads, Streets, Paving.

Grinder.—Guyan Machine Shops (Mchy. Dealer), Logan, W. Va.—Wants grinder for small milling cutters and for twist drills.

Hardwood Flooring.—McKenzie Construction Co., 716 Travis Bldg., San Antonio, Tex.—Wants prices on hardwood flooring for \$400,000 warehouse and factory building.

Hardwood Flooring.—B. C. Nance, Lexington, N. C.—Wants prices on hardwood flooring for \$30,000 church.

Heating Plant.—W. E. Boyce & Co., Howey, Fla.—Wants prices on vapor system heating plant with air washer for \$55,000 dwelling.

Hollow Tile.—Fleisher Engineering & Construction Co., S. W. 10th St. and 21st Ave., Miami, Fla.—Wants prices on hollow tile for \$275,000 Shenandoah Junior High School.

Hospital Equipment.—Dr. R. W. Petrie, Mgr., Caldwell Hospital, Inc., Lenoir, N. C.—Wants prices on entire equipment for general and eye, ear, nose and throat hospital.

Hospital Furnishings, etc.—F. L. Smith, 439 E. Main St., Lexington, Ky., or C. F. Reichert, Starks Bldg., Louisville, Ky.—Wants prices on \$35,000 equipment, etc., for heating and laundry addition to hospital.

Hydraulic Rams.—Grubstake Investment Assn., 615 Natl. Bank of Commerce Bldg., San Antonio, Tex.—Wants data and prices on hydraulic rams; correspond with manufacturers.

Ice Cream Machinery.—Andrews & Hainz, Inc., Sebring, Fla.—Wants data and prices on equipment for making ice cream, also data on manufacture of ice cream.

Incinerators.—Beacham & LeGrand, 17-A North St., Greenville, S. C.—Wants prices on incinerators for \$300,000 hospital.

Incinerators.—A. Ten Eyck Brown, 717-20 Forsyth Bldg., Atlanta, Ga.—Wants prices on incinerators for \$1,000,000 city hall.

Laundry Machinery.—D. E. Piner, 308 S. E. Fourth St., Fort Lauderdale, Fla.—Wants data and prices on machinery for steam laundry; correspond with manufacturers.

Lathe.—Board of Awards, F. A. Dolfeld, City Register, Baltimore, Md.—Receives bids April 14 to furnish one lathe to the Mechanical Division of Bureau of Water Supply; V. Bernard Siems, Water Engr.

Limestone.—Beacham & LeGrand, 17-A North St., Greenville, S. C.—Wants prices on limestone for \$300,000 hospital.

Limestone.—Allapattah Theater Corp., Box 362, Allapattah Station, Miami, Fla.—Wants prices on limestone for theater buildings.

Limestone.—Geo. A. Fuller Co., Miami, Fla.—Wants prices on limestone for \$1,000,000 steel and masonry theater and office building, Jacksonville.

Limestone.—Trustee Board, Antioch Baptist Church, 318 Andrew St., Houston, Tex.—Wants prices on limestone for \$100,000 church.

Lumber.—Hudson S. Hill, Sixth St. North, Morristown, Tenn.—Wants prices on lumber of all kinds, doors, sash, etc., for \$40,000, 4-story girls' dormitory at Morristown Normal & Industrial College.

Mail Chutes.—Geo. A. Fuller Co., Miami, Fla.—Wants prices on mail chutes for \$1,000,000 theater and office building, Jacksonville.

Mail Chutes.—A. Ten Eyck Brown, 717-20 Forsyth Bldg., Atlanta, Ga.—Wants prices on mail chutes for \$1,000,000 city hall.

Marble.—A. Ten Eyck Brown, 717-20 For-

syth Bldg., Atlanta, Ga.—Wants prices on marble for \$1,000,000 city hall.

Marble.—A. Ten Eyck Brown, 717-20 Forsyth Bldg., Atlanta, Ga.—Wants prices on metal doors for \$1,000,000 city hall.

Marble.—Geo. A. Fuller Co., Miami, Fla.—Wants prices on marble for \$1,000,000 steel and masonry theater and office building, Jacksonville.

Marble.—C. C. Smith, Supt. of Constr., S. H. Kress & Co., Sherman, Tex.—Wants prices on marble for store building.

Matcher.—See Woodworking Machinery.

Metal Ceilings.—Childs Bros., College Ave., Tallahassee, Fla.—Wants prices on metal ceilings.

Metal Ceilings.—J. W. Gwin, Contr., 1410 Marshall St., Little Rock, Ark.—Wants prices on metal ceilings for apartment house.

Metal Ceilings.—B. C. Nance, Lexington, N. C.—Wants prices on metal ceilings for \$30,000 church.

Metal Ceilings.—Trustee Board, Antioch Baptist Church, 318 Andrew St., Houston, Tex.—Wants prices on metal ceilings for \$100,000 church.

Metal Ceilings.—C. C. Smith, Supt. of Constr., S. H. Kress & Co., Sherman, Tex.—Wants prices on metal ceilings for store building.

Metal Ceilings.—George G. Weeks, Third and Jefferson Sts., Monroe, La.—Wants prices on metal ceilings for \$50,000 storehouse.

Metal Ceilings.—Allapattah Theater Corp., Box 362, Allapattah Station, Miami, Fla.—Wants prices on metal ceilings for theater buildings.

Metal Doors.—Fleisher Engineering & Construction Co., S. W. 10th St. and 21st Ave., Miami, Fla.—Wants prices on metal doors for \$275,000 Shenandoah Junior High School.

Metal Doors.—Beacham & LeGrand, 17-A North St., Greenville, S. C.—Wants prices on metal doors for \$300,000 hospital.

Metal Doors.—F. L. Smith, 439 E. Main St., Lexington, Ky.—Wants prices on metal doors for heating and laundry addition to hospital.

Metal Doors.—Geo. A. Fuller Co., Miami, Fla.—Wants prices on metal doors for \$1,000,000 theater and office building, Jacksonville.

Metal Doors, Sash and Trim.—Allapattah Theater Corp., Box 362, Allapattah Station, Miami, Fla.—Wants prices on metal doors, steel sash and trim for theater buildings.

Metal Doors, Sash and Trim.—McKenzie Construction Co., 716 Travis Bldg., San Antonio, Tex.—Wants prices on metal doors, steel sash and trim for \$400,000 warehouse and factory building.

Metal Doors, Sash and Trim.—George G. Weeks, Third and Jefferson Sts., Monroe, La.—Wants prices on metal doors, steel sash and trim for \$50,000 storehouse.

Metal Doors, Sash and Trim.—C. C. Smith, Supt. of Constr., S. H. Kress & Co., Sherman, Tex.—Wants prices on metal doors, steel sash and trim for store building.

Mica-Cutting Machine.—Guyan Machine Shops (Mchy. Dealer), Logan, W. Va.—Wants mica-cutting machine for undercutting mica commutators.

Millwork.—See Lumber.

Miscellaneous Supplies.—Panama Canal, A. L. Flint, General Purchasing Officer, Washington, D. C.—Receives bids April 21 to furnish steel, iron or steel pipe, chain, postoffice canceling machines, switchboard, hand telephone sets, steel wool, billiard table covers, rubber bands, muscilage, emery cloth, etc. Blank forms and information (Circular 1731) on application to offices of Panama Canal; Asst. Purchasing Agents at Fort Mason, San Francisco, Cal.

Mop Wringers, etc.—U. S. Veterans' Bureau, Supply Division, Washington, D. C.—Receives bids April 15 for 12 mop wringers and tanks combined; capacity 24 quarts; Standard Supply Co.'s "Cape Cod" No. 2 or equal.

Motor.—Indianridge Water & Light Co., Raleigh, N. C.—Wants motor for water and light system supplying community 2 miles from Raleigh.

Motors.—Indianridge Water & Light Co., 123 Halifax St., Raleigh, N. C.—Wants electric motors for water plant.

Motors.—Raymond Garage, Inc., 3740 Sullivan Ave., St. Louis, Mo.—Wants price on 3 h. p., 5 h. p. and 7½ h. p. motors.

Motors.—Benjamin F. Price, 1609 Tribune Tower, Chicago, Ill.—Wants 3 phase, 60 cycle, 220 volt A. C. motors, with auxiliary hook of from 3 to 5 tons, for Illinois delivery.

Motion-Picture Projectors, Screens, Curtains, etc.—See Theater Equipment and Furnishings.

Organ.—G. P. Batty, Westport Ave. and Wyandotte St., Kansas City, Mo.—Wants prices on organ for \$20,000 church.

Ornamental Iron.—W. E. Boyce & Co., Howey, Fla.—Wants prices on wrought iron grills, wrought iron railing for \$50,000 dwelling.

Oven (Bake).—Marine Corps, Quartermaster's Dept., Washington, D. C.—Receives bids April 16 to furnish semi-portable bake oven; delivery f. o. b. factory for export shipment to Peking, China. Sch. 531.

Painting.—Board of Awards, F. A. Dolfeld, City Register, Baltimore, Md.—Receives bids April 14 for interior and exterior painting at Northwestern Police Station and Garage, Pennsylvania Ave.; C. H. Osborne, Chief, Bureau of Bldgs.

Pipe.—See Pontoon Catamarans, etc.

Packing Machinery (Apple).—Tallulah Orchards Corp., 517 Grant Bldg., Atlanta, Ga.—Wants data and prices on machinery for packing apples; correspond with manufacturers.

Painting.—C. B. Mooney, Coner, Harrisburg, N. C.—Wants sub-contract bids on painting tow Concord high schools, costing \$81,295.

Paper, etc.—Office of Purchasing Agent, Post Office Dept., Washington, D. C.—Receives bids April 12 to furnish paper (computing machine, carbon and blue print), gummed labels, tape, printed facing slips, index and guide cards, etc., for fiscal year beginning July 1, 1926, ending June 30, 1927.

Paving.—Hattiesburg, Miss. See Construction News—Roads, Streets, Paving.

Paving.—Richmond, Va. See Construction News—Roads, Streets, Paving.

Paving.—Gastonia, N. C. See Construction News—Roads, Streets, Paving.

Paving.—Clarendon, Tex. See Construction News—Roads, Streets, Paving.

Paving.—Galveston, Tex. See Construction News—Roads, Streets, Paving.

Paving.—Dunbar, W. Va. See Construction News—Roads, Streets, Paving.

Pipe (Sewer).—J. L. Hoffman Co., Inc., Landscape Engrs., Drawer O, Decatur, Ga.—Wants sewer pipe for development of 1000-acre subdivision and amusement park at Albany.

Pipe (Cast Iron).—Comms. of Public Utilities, Grounds and Buildings, Chattanooga, Tenn., Eugene J. Bryan, Commr.—Receives bids April 10 for precast cast iron pipe and galvanized pipe for waterworks system, to be delivered to Brainerd Golf Course; 250 ft. of 8-in., 1200 ft. of 6-in., 10,000 ft. of 4-in., 2000 ft. of 1½-in. and 2000 ft. of 2-in. pipe, and fifty 2-in. valves.

Pipe (Water).—J. L. Hoffman Co., Inc., Landscapes Engrs., Drawer O, Decatur, Ga.—Wants water pipe for use in development of 1000-acre subdivision and amusement park at Albany.

Pipe.—Lamar Flowers, Jefferson County Engr., Monticello, Fla.—Wants prices on reinforced concrete pipe; correspond with manufacturers, especially those in Florida and Georgia.

Pipe (Cast Iron).—E. Conway Brown Co., 318 Perlstein Bldg., Beaumont, Tex.—Wants galvanized and cast iron pipe for laying water main in 56-acre subdivision.

Pipe (Galvanized).—E. Conway Brown Co., 318 Perlstein Bldg., Beaumont, Tex.—Wants galvanized pipe for laying water mains in 56-acre subdivision.

Pipe Lines, etc.—Board of Trustees, Monroe County Water Supply District, Key West, Fla.—Receives bids April 20 for construction of pipe lines and pumping equipment for bringing fresh water to Key West over Florida Keys; engineering firms invited to submit propositions, including franchise.

Pipe Organs.—Allapattah Theater Corp., Box 362, Allapattah Station, Miami, Fla.—Wants prices on pipe organs for theater buildings.

Planer.—See Woodworking Machinery.

Plaster Board.—J. W. Gwin, Contr., 1410 Marshall St., Little Rock, Ark.—Wants prices on plaster board for apartment house.

Plaster Board.—George H. Gussman Construction Co., Charleston, Mo.—Wants prices on plaster board for \$75,000 high school at Malden.

Plastering.—C. B. Mooney, Contr., Harrisburg, N. C.—Wants sub-contract bids on plastering 2 high school buildings, Concord.

In writing to parties mentioned in this department it will be of advantage to all concerned if the Manufacturers Record is mentioned.

Plaster Board.—Allapattah Theater Corp., Box 362, Allapattah Station, Miami, Fla.—Wants prices on plaster board for theater buildings.

Plaster Board.—B. C. Nance, Lexington, N. C.—Wants prices on plaster board for \$30,000 church.

Plating Outfits.—William A. Lovett, Monroeville, Ala.—Wants data and prices on plating outfits for nickel, silver and gold plating; correspond with manufacturers.

Plumbing.—Allapattah Theater Corp., Box 362, Allapattah Station, Miami, Fla.—Wants prices on plumbing for theater buildings.

Portland Cement.—Marine Corps, Quartermaster's Dept., Washington, D. C.—Receives bids April 8 to furnish 400 bbls. Portland cement; delivery Parris Island, S. C. Sch. 522.

Portland Cement.—Alabama State Dock Com'n., Wm. L. Sibert, Chrm., State Office Bldg., Mobile, Ala.—Receives bids April 12 to furnish and deliver about 13,000 bbls. Portland cement.

Press.—James Steele, Ltd., Guelph, Ontario, Canada.—Wants one used consolidated geared double crank press, No. 104 or 105; state condition and price.

Printing Plant Equipment and Machinery.—J. Lee Greer, Mgr., The Herald Publishing Co., 303 Woodward Bldg., Denison, Tex.—Wants prices on rotary press, stereotype equipment and five typesetting machines.

Printing Plant Equipment.—The Quality Printing Co., Geo. Williams, Mgr., 1144 Mercer St., Princeton, W. Va.—Wants used equipment to re-equip plant.

Pontoon Catamarans, etc.—U. S. Engineer Office, Norfolk, Va.—Receives bids April 28 to construct and deliver pontoon catamarans and pipe for 15-in. pipe-line dredge.

Poles, etc.—Mississippi River Com'n., First and Second Distrs., 1006 McCall Bldg., Memphis, Tenn.—Receives bids April 22 to furnish 75,000 cords brush and poles.

Potato Chip Machinery.—Carl C. Axley, Box 458, Statesville, N. C.—Wants data and prices on machinery to make potato chips; correspond with manufacturers.

Pulp, Ink Scrapings, etc.—Treasury Dept., Bureau of Engraving and Printing, Washington, D. C.—Receives bids for purchase of pulp, ink scrapings, distinctive paper shredded trimmings and postage stamp and internal revenue paper trimmings and for cleaning of windows during fiscal year beginning July 1, 1926; A. W. Hall, Director.

Pump.—Indianridge Water & Light Co., Raleigh, N. C.—Wants pump for water works supplying light and water to community 2 miles from Raleigh.

Pumps.—See Pipe Lines, etc.

Punch.—Hackley-Morrison Co. (Mchy. Dealer), 1708 Lewis St., Richmond, Va.—Wants punch, capacity about 1 in. through 1-in., with 12-in. to 24-in. throat.

Punch and Shear.—Guyan Machine Shops (Mchy. Dealer), Logan, W. Va.—Wants punch and shear, suitable for slitting 3/4-in. or 1/2-in. plate.

Rails.—W. M. Smith & Co., First Ave., Birmingham, Ala.—Wants 80 or 85 lb. relay rails, Indiana delivery; 75 to 100 mi. of 50-lb. relay rails for Gulf Coast or Atlantic Coast delivery.

Resaw and Rip Saw.—See Woodworking Machinery.

Road.—Abilene Tex., will improve 3 roads. See Construction News—Roads, Streets, Paving.

Road.—Jennings, La. See Construction News—Roads, Streets, Paving.

Road.—State of Louisiana will build 2 roads. See Construction News—Roads, Streets, Paving.

Road.—Shelby, Miss. See Construction News—Roads, Streets, Paving.

Road.—State of Maryland will build 7 roads. See Construction News—Roads, Streets, Paving.

Road.—State of Maryland will build 8 roads. See Construction News—Roads, Streets, Paving.

Road.—State of Alabama will build 4 roads. See Construction News—Roads, Streets, Paving.

Road.—Edgard, La. See Construction News—Roads, Streets, Paving.

Road.—Hattiesburg, Miss., will build 3 roads. See Construction News—Roads, Streets, Paving.

Road.—Houston, Tex. See Construction News—Roads, Streets, Paving.

Road.—Sanford, Fla. See Construction News—Roads, Streets, Paving.

Road.—Towson, Md., will improve 3 roads. See Construction News—Roads, Streets, Paving.

Road Material.—A. C. Love, State Highway Engr., Austin, Tex.—Receives bids April 14 to furnish cover material for bituminous topping on certain highways.

Roofing.—Allapattah Theater Corp., Box 362, Allapattah Station, Miami, Fla.—Wants prices on roofing for theater buildings.

Roofing Tile.—W. E. Boyce & Co., Howey, Fla.—Wants prices on old mission tile roofing for \$55,000 dwelling.

Rolling Partitions.—B. C. Nance, Lexington, N. C.—Wants prices on rolling partitions for \$30,000 church.

Rolling Partitions.—George G. Weeks, Third and Jefferson Sts., Monroe, La.—Wants prices on rolling partitions for \$50,000 storehouse.

Roofing Tile.—H. E. Abrams & Co., Inc., Clearwater, Fla.—Wants prices on Spanish flat tile roofing for dwellings.

Roofing, etc.—F. A. Taylor, Brazoria County Auditor, Angleton, Tex.—Receives bids April 12 replacing roofing, gutters, flashings, valleys and cornices on courthouse; J. T. Loggins, County Judge.

Roofing Tile.—Dr. S. F. Freeman, 200 1/2 E. Commercial St., Springfield, Mo.—Wants prices on tile roofing for \$12,000 residence.

Rolling Partitions.—Trustee Board, Antioch Baptist Church, 318 Andrew St., Houston, Tex.—Wants prices on rolling partitions for \$100,000 church.

Rotary Press.—See Printing Plant Equipment and Machinery.

Sandwich-Making Machinery.—Carl C. Axley, Box 458, Statesville, N. C.—Wants data and prices on sandwich-making machinery; correspond with manufacturers.

Sawmill Hog.—W. M. Smith & Co., First Ave., Birmingham, Ala.—Wants one Harvey No. 11 sawmill hog.

Screens (Window, Fly).—Yarrow Construction Co., 315 Legal Bldg., Asheville, N. C.—Wants large quantity of window fly screens to be manufactured from pattern furnished by Yarrow Construction Co.

Screen.—Hackley-Morrison Co. (Mchy. Dealer), 1708 Lewis St., Richmond, Va.—Wants one screen, 30-in. diam. with 3 sections openings in sections approximately as follows: 1/4 in., 1/8 in. and 3/16 in.

Seating.—See Theater Equipment and Furnishings.

Seating (Church).—C. L. King or Robert Woods, Pearisburg, Va.—Wants prices on seats for \$4000 to \$4500 church.

Sewers.—City of Baltimore, Md., Milton J. Ruark, Sewerage Engr.—Receives bids April 14 for construction of sludge drying beds Nos. 11 to 14 at Back River sewerage treatment works; 57,200 cu. yds. excavation; 45,100 cu. yds. rolled embankment; 370 cu. yds. concrete masonry Class A; 68,490 lbs. reinforcing bars; 1900 cu. yds. sand for sludge beds; 4140 cu. yds. gravel for sludge beds; 120 tons cast iron pipe; 2500 ft. industrial railroad track.

Shaper.—Geo. A. Mattison, Jr., Gen. Mgr., Woodstock Slag Corp., Southern Railway Bldg., Birmingham, Ala.—Wants 24-in. shaper for machine shop.

Shovels.—James S. Simmons, 177 E. Bay St., Charleston, S. C.—Wants prices on shovels.

Sidewalks.—Seaboard, N. C. See Construction News—Roads, Streets, Paving.

Spillway.—Little River Drainage District Supvrs., Cape Girardeau, Mo.—Receives bids Apr. 19 for concrete spillway in drainage canal spoil bank, involving approximately 160 cu. yds. concrete slope paving, 15 cu. yds. plain concrete, 900 sq. yds. flexible concrete block mattresses, 2000 lbs. reinforcing steel, 8000 ft. sheet piling, 2500 cu. yds. earth excavation; Morgan Engineering Co., 622 Goodwyn Institute, Memphis, Tenn.

Sprinklers.—Childs Bros., College Ave., Tallahassee, Fla.—Wants prices on sprinklers.

Sprinklers.—McKenzie Construction Co., 716 Travis Bldg., San Antonio, Tex.—Wants prices on sprinklers for \$400,000 warehouse and factory building.

Steel (Structural and Reinforcing).—Geo. A. Fuller Co., Miami, Fla.—Wants prices on structural and reinforcing steel for \$1,000,000 theater and office building, Jacksonville.

Steel Sash.—W. E. Boyce & Co., Howey, Fla.—Wants prices on steel sash and frames (casement sash) for \$55,000 dwelling.

Steel Sash and Trim.—Childs Bros., College Ave., Tallahassee, Fla.—Wants prices, on steel sash and trim.

Steel Sash and Trim.—F. L. Smith, 439 E. Main St., Lexington, Ky.—Wants prices on steel sash and trim for heating and laundry addition to hospital.

Steel Sash and Trim.—Geo. A. Fuller Co., Miami, Fla.—Wants prices on steel sash and trim for \$1,000,000 theater and office building, Jacksonville.

Steel Sash and Trim.—A. Ten Eyck Brown, 717-20 Forsyth Bldg., Atlanta, Ga.—Wants prices on steel sash and trim for \$1,000,000 city hall.

Steel Sash and Trim.—Beacham & LeGrand, 17-A North St., Greenville, S. C.—Wants prices on steel sash and trim for \$300,000 hospital.

Steel Sash and Trim.—E. W. Pendergraft & Son, Contrs., 313 Merchants Natl. Bank Bldg., Vicksburg, Miss.—Wants prices on steel sash and trim for stores.

Street.—Baltimore, Md. See Construction News—Roads, Streets, Paving.

Street.—Big Springs. See Construction News—Roads, Streets, Paving.

Street.—Eastman Ga. See Construction News—Roads, Streets, Paving.

Street.—Baton Rouge La. See Construction News—Roads, Streets, Paving.

Stereotype Equipment.—See Printing Plant Equipment and Machinery.

Swimming Pool.—City Commrs., 31 Broadway, Asheville, N. C.—Receives bids April 7 for 100x250-ft. reinforced concrete swimming pool, pressure filter and pumping station; 2-story, 25x125-ft., bathhouse, necessary grading, drains, sidewalks, etc.; Gilbert C. White Co., Engrs., 48 College St., Asheville; R. S. Hollingsworth, Purchasing Agent.

Tank (Storage).—Tomlin-Harris Machine Co., Ninth St. and Eleventh Ave., Cordele, Ga.—Wants gasoline storage tank, approximate capacity 16,000 gal.

Tank and Tower.—Indianridge Water & Light Co., Raleigh, N. C.—Wants tank and tower, 100,000-gal. capacity, to furnish water for community about 2 miles from Raleigh.

Teapots.—U. S. Veterans' Bureau, Supply Division, Washington, D. C.—Receives bids April 13 for 20 doz. individual teapots, green and white enamel; Albert Pick & Co.'s No. 4E-922 or equal.

Telephone Supplies.—Marine Corps, Quartermaster's Dept., Washington, D. C.—Receives bids April 17 to furnish telephone supplies; delivery Quantico, Va. Sch. 533.

Terra Cotta Trim.—Allapattah Theater Corp., Box 362, Allapattah Station, Miami, Fla.—Wants prices on terra cotta trim for theater buildings.

Terra Cotta Trim.—Judson S. Hill, Sixth St. North, Morristown, Tenn.—Wants prices on terra cotta trim for \$40,000 4-story girls' dormitory at Morristown Normal & Industrial College.

Terra Cotta Trim.—Geo. A. Fuller Co., Miami, Fla.—Wants prices on terra cotta trim for \$1,000,000 steel and masonry theater and office building, Jacksonville.

Terra Cotta Trim.—B. C. Nance, Lexington, N. C.—Wants prices on terra cotta trim for \$30,000 church.

Terra Cotta Trim.—A. Ten Eyck Brown, 717-20 Forsyth Bldg., Atlanta, Ga.—Wants prices on terra cotta trim for \$1,000,000 city hall.

Terra Cotta Trim.—George H. Gussman Construction Co., Charleston, Mo.—Wants prices on terra cotta trim for \$75,000 high school at Malden.

Theater Equipment and Furnishings.—Allapattah Theater Corp., Box 362, Allapattah Station, Miami, Fla.—Wants prices on theater equipment and furnishings, including seats, projectors, curtains, screens, ticket machines, tickets.

Tile.—Allapattah Theater Corp., Box 362, Allapattah Station, Miami, Fla.—Wants prices on hollow, interior and floor tile for theater buildings.

Tile.—J. W. Gewin, Contr., 1410 Marshall St., Little Rock, Ark.—Wants prices on floor tile for apartment building.

Tile.—Trustee Board, Antioch Baptist Church, 318 Andrew St., Houston, Tex.—Wants prices on hollow and interior tile for \$100,000 church.

Tile.—George G. Weeks, Third and Jefferson Sts., Monroe, La.—Wants prices on hollow, interior and floor tile for \$50,000 storehouse.

Tile.—George H. Gussman Construction Co., Charleston, Mo.—Wants prices on hollow and interior tile for \$75,000 high school at Malden.

Tile.—A. Ten Eyck Brown, 717-20 For-

In writing to parties mentioned in this department it will be of advantage to all concerned if the Manufacturers Record is mentioned.

syth Bldg., Atlanta, Ga.—Wants prices on hollow and interior tile for \$1,000,000 city hall.

Tile.—C. C. Smith, Supt. of Construction, S. H. Kress & Co., Sherman, Tex.—Wants prices on hollow and interior tile for store building.

Tile.—Beacham & LeGrand, 17-A North St., Greenville, S. C.—Wants prices on hollow and interior tile for \$300,000 hospital.

Tile.—Geo. A. Fuller Co., Miami, Fla.—Wants prices on hollow tile for \$1,000,000 steel and masonry theater and office building, Jacksonville.

Tile (Hollow).—McKenzie Construction Co., 716 Travis Bldg., San Antonio, Tex.—Wants prices on hollow tile for \$400,000 warehouse and factory building.

Tile (Hollow).—R. M. Sias Archt., care Galveston Wharf Co., 2328 B St., Galveston, Tex.—Wants prices on hollow tile for 2-story warehouse.

Tracing Cloth.—U. S. Veterans' Bureau, Supply Division, Washington, D. C.—Receives bids April 12 for 500 sheets tracing cloth, 28x38 in., "Imperial" or equal.

Track.—W. M. Smith & Co., First Ave., Birmingham, Ala.—Wants 15 track miles of 2-ft. industrial track with steel ties or 15 track miles of 20-lb. relays for Gulf Coast delivery.

Trimmer.—See Woodworking Machinery.

Trucks.—See Dry Kiln Equipment.

Typesetting Machines.—See Printing Plant Equipment and Machinery.

Vaults.—Beacham & LeGrand, 17-A North St., Greenville, S. C.—Wants prices on vaults for \$300,000 hospital.

Vaults and Vault Lights.—Geo. G. Weeks, Third and Jefferson Sts., Monroe, La.—Wants prices on vaults and vault lights for \$50,000 storehouse.

Vaults.—A. Ten Eyck Brown, 717-20 Forsyth Bldg., Atlanta, Ga.—Wants prices on vaults for \$1,000,000 city hall.

Ventilators.—A. Ten Eyck Brown, 717-20 Forsyth Bldg., Atlanta, Ga.—Wants prices on ventilators for 1,000,000 city hall.

Ventilators.—George G. Weeks, Third and Jefferson Sts., Monroe, La.—Wants prices on ventilators for \$50,000 storehouse.

Ventilators.—Allapattah Theater Corp., Box 362, Allapattah Station, Miami, Fla.—Wants prices on ventilators for theater buildings.

Ventilators.—Childs Bros., College Ave., Tallahassee, Fla.—Wants prices on ventilators.

Ventilators.—George H. Gussman Construction Co., Charleston, Mo.—Wants prices on ventilators for \$75,000 high school at Malden.

Ventilators.—Beacham & LeGrand, 17-A North St., Greenville, S. C.—Wants prices on ventilators for \$300,000 hospital.

Vulcanizing Outfits.—E. Cundiff, Altavista, Va.—Wants data and prices on vulcanizing outfits to repair auto casings, equipment for small shop; correspond with manufacturers.

Water-Distilling Plant.—Stephen C. Singleton, 744 N. E. Second Ave., Miami, Fla.—Wants data and prices on water-distilling plant for small community; correspond with manufacturers.

Wash Rack.—See Garage Equipment.

Water Works.—City of Okmulgee, Okla., Adlai Baker, Commr. of Finance—Receives bids April 14 for furnishing material and constructing water supply system; L. F. Harza, Const. Engr., 919 Monadnock Bldg., Chicago, Ill.

Water Works.—City of Salisbury, Md., Water and Sewer Comsn.—Receives bids April 15 for laying water mains and appurtenances, Contract No. 16; Francis H. Dryden, Ch. Engr.

Wheelbarrows.—James S. Simmons, 177 E. Bay St., Charleston, S. C.—Wants wheelbarrows.

White Way Posts, etc.—J. L. Hoffman Co., Inc., Landscape Engrs., Drawer O, Decatur, Ga.—Wants white way posts, etc., for development of 1000 acres for subdivision and amusement park at Albany.

White Way Posts.—E. Conway Brown Co., 318 Perlestein Bldg., Beaumont, Tex.—Wants ornamental light posts for lighting system in 56-acre subdivision.

Wire Glass.—George G. Weeks, Third and Jefferson Sts., Monroe, La.—Wants prices on wire glass for \$50,000 storehouse.

Wire Glass.—R. M. Sias, Archt., care Galveston Wharf Co., 2328 B St., Galveston, Tex.—Wants prices on wire glass for 2-story warehouse.

Wire Glass.—B. C. Nance, Lexington, N. C.—Wants prices on wire glass for \$30,000 church.

Wire Glass.—Fleisher Engineering & Construction Co., Grand Central Ave., Tampa, Fla.—Wants prices on wire glass for \$1,000,000 hospital.

Wire Glass.—A. Ten Eyck Brown, 717-20 Forsyth Bldg., Atlanta, Ga.—Wants prices on wire glass for \$1,000,000 city hall.

Wire Glass.—Childs Bros., College Ave., Tallahassee, Fla.—Wants prices on wire glass.

Wire Glass.—Judson S. Hill, Sixth St. North, Morristown, Tenn.—Wants prices on wire glass for \$40,000 4-story girls' dormitory at Morristown Normal & Industrial College.

Woodworking Machinery.—Kastler Body Manufacturing Co., Inc., 1119 Campbell St., Kansas City, Mo.—Wants prices on rip saw, planer, belt sander, emery wheel and stand.

Woodworking Machinery.—Thos. W. Sliger, First St. and Third Ave., Huntington, W. Va.—Wants prices on planer, matcher, resaw and rip saw.

Woodworking Machinery.—Savannah River Lumber Co., C. S. Brown, Supt., Gilman, S. C.—Wants prices on band mill, gang, edger, slasher and trimmer.

Trade Literature

Valuable Book for Architects and Contractors.

A book of 64 pages concerning ornamental iron work, one which will be found not only useful but valuable to contractors and others interested in building construction, has been published by the Building Products Company, Toledo, Ohio, who will send a copy to everyone who asks for it on his business letterhead. The company says that nothing like it has been heretofore issued so far as they know and that no expense has been spared to make it of widespread practical value to contractors and architects. There are 30 pages of drawings showing details of design and construction of most of the products in ordinary use and 30 pages also show the finished results on buildings throughout the country. Several large folders issued by the company give further information as to what they manufacture and their methods of installation.

Austin-Western Road Machinery.

A new general catalogue, No. 26, has been issued by the Austin-Western Road Machinery Co. of Chicago, and it is now being distributed. Besides containing revised specifications and descriptions, and new or corrected illustrations of many of the older models manufactured, this new edition also describes several entirely new machines such as the Mammoth Junior Grader, the Austin-International 10-20 and 15-30 motor graders, the Western street excavator and the Western road metal plant. Special publications about all of the new machines have also been prepared and, like the catalogue, will be sent to anyone interested in them on request.

A Book About Building Knitting Mills.

Lockwood, Greene & Co., engineers, 24 Federal street, Boston, Mass., have just issued a handsome, instructive and interesting booklet entitled "Knitting Mills." In this publication knit goods manufacturers will find a careful analysis of the problems, seen and unseen, which confront them when they are about to build or when their present plant outgrows its usefulness. Among the subjects treated are choice of building sites, types of buildings, the number of stories they must have, spacing of columns in a building, department arrangement, machinery arrangement, dye houses, power plants, lighting, etc. There are numerous pictures of different manufacturing buildings.

General Electric Power Factor Booklet. "Power Factor and Means for Its Improvement" (GEA-232) is a 33-page illustrated publication recently issued by the General Electric Co., Schenectady, N. Y. This booklet presents in a simple and systematic manner authoritative information on means for power factor improvement in industrial plants. It is a practical treatise on power factor with the mathematics reduced to simple arithmetic.

Milburn Torches Described.

The Alexander Milburn Company, Baltimore, Md., have issued a new catalogue about their cutting and welding torches, which they will send to anyone interested upon receipt of request. There are 12 pages fully illustrated with complete descriptions of the different patterns of torches. It is stated that these tools preheat the cutting oxygen and use a minimum amount of the gas. Cutting begins immediately the flame is applied to the work.

Graybar Tag, New Electric Monthly.

"The Graybar Tag" is the new name adopted for the "Western Electric Dealer" because of the change of name of the Western Electric Company to Graybar Electric Company. The new monthly is being published in the same size as its predecessor and averages 20 pages per issue and is printed in two or three colors. The editorial range is larger, and for electrical dealers a complete window display service will be run consisting of four set-ups per month, with detailed instructions and photographs, news and personals of appliance dealers, photographs of dealers' windows and at least one merchandising story in every number. Other new features also enhance the usefulness of the magazine.

All About City Sanitation.

"The Sanitation of Cities" is the name of a fine book of 119 pages published by the Sanitation Corporation, 165 Broadway, New York, of which William L. D'Olier is president and James M. Kelly secretary. The contents impress the reader with the imperative importance of complete sanitation for the public health, citing instances of ancient and modern experience to confirm the accuracy of the counsel which is presented. There are chapters on water supply and removal of sewage, purification of water supplies, sewerage systems, sewage-treatment problems, purification of sewage, development of commercial waterways as a sanitary measure, high-pressure fire service, etc. There is a multitude of pictures, all of them interesting and impressive.

Pit and Quarry Handbook, 1926.

The Pit and Quarry Handbook for 1926, which has just been issued by the Complete Service Publishing Company, Chicago, contains 570 pages of useful and practical information for the sand, gravel, stone, cement, gypsum and lime industries. Concerning this it is especially important to note what is said to the effect that during the past few years there has been an intensive development in design, operation and management in the non-metallic mineral industries; new systems and methods have been approved and adopted. The publishers have therefore concentrated in this volume a great amount of valuable, classified information relating to and valuable for these industries. It is a reliable reference work for design, operation and management of plants. Practically all of the text is new and the bulk of the contents have never before been published.

In writing to parties mentioned in this department it will be of advantage to all concerned if the Manufacturers Record is mentioned.

INDUSTRIAL NEWS OF INTEREST

Items of news about industrial, railroad or financial interests, building operations, construction work, municipal improvements, or the sale of machinery or the letting of contracts in the South or Southwest, are invited from our readers whether they are advertisers, or subscribers, or not. We invite information of this character from readers in the North and West about their Southern business operations, as well as from Southern readers. News of value will be published just as readily when from non-advertisers as from advertisers.

New Line of Electric Motors.

The General Electric Company, Schenectady, N. Y., is now marketing a new line of synchronous motors for general purposes. They are recommended to drive any load whose torque requirements have been heretofore met with a standard squirrel-cage induction motor. The new motors are of the G. E. types TS and QS and are known as the 7500 series. These motors meet all Electric Power Club requirements for general purpose motors, give satisfactory starting characteristics, are of strong construction and with minor changes will operate at unity, 90 or 80 per cent power factor. The ratings range from 20 to 150 horsepower, with speeds of 1200, 900, 720 and 600 revolutions per minute at 60 cycles. Adequate starting torque is the most important feature, each motor being guaranteed to deliver the same starting torque with the same inrush current as the standard squirrel-cage induction motor of similar rating.

Graybar Electric Changes.

The Graybar Electric Company, 100 East Forty-second street, New York, N. Y., have announced the appointment of W. B. DeForest as sales manager of their New York offices; he was previously Kansas City branch manager and takes to his new position the benefit of seventeen years' experience with the Western Electric Company. The Graybar organization have also changed the location of their branch at Providence, R. I., from 33 Harris avenue to their new building at 194-196 Richmond street, which includes offices and warehouse. Another announcement is that Robert Davie of the New York sales offices, has been appointed district sales development specialist for the western district, with headquarters at Kansas City, the territory including also the cities of St. Louis, Omaha, Denver, Salt Lake City and Memphis.

Northern Engineering Development.

The Northern Engineering Works, Detroit, Mich., manufacturers of electric traveling cranes, hoists and foundry equipment, have extensively developed their foundry equipment department, owing to the increasing demand for its product. In addition to their district offices in all large cities, representation is now established at other central points throughout the country. This department produces the Newton cupola and other foundry products. The company also make on a large scale the Standart-ized five and ten ton cranes, as well as larger capacities. They have recently brought out a new electric hoist called "Hi-Lift."

St. Louis Pump & Equipment Co.

As a result of its reorganization, C. C. Fredericks of St. Louis has become president and general manager of the St. Louis Pump & Equipment Company, and Sherwood Hinds has become chief engineer and vice-president. Mr. Fredericks was one of the founders of the St. Louis Company and was responsibly concerned with its rapid progress. He was formerly connected with the S. F. Bowser Company of Fort Wayne, Ind., and is regarded as an authority on modern pump design, pump construction and pump merchandising. Mr. Hinds has to his credit several patents which are considered standard in pump manufacture.

Bay City Dredge Representatives.

The Construction Equipment Company, 437 East Bay street, Jacksonville, Fla., have been appointed by the Bay City Dredge Works of Bay City, Mich., as their new Florida representatives.

Nugent Steel Castings Officers.

H. C. Osman, sales manager of the Nugent Steel Castings Co., Chicago, Ill., has been elected secretary of the company, but he will continue to have charge of sales. C. A. MacDonald, formerly secretary, has been elected treasurer.

Wm. Powell Co. Officers.

Cards have been sent out by the Wm. Powell Co., Cincinnati, Ohio, saying that the directors announce the election of H. H. Coombe, president and treasurer; James Coombe, vice-president and general manager, and George E. Weitkamp, secretary.

Superintendent and Director.

Francis G. Eppley, for many years superintendent of the plant of the Albaugh-Dover Manufacturing Co., Chicago, Ill., was elected a member of the board of directors at the recent annual meeting. The company manufactures gears and speed-reducing units.

Coburn Trolley Track Appointment.

Cards have been sent out by the Coburn Trolley Track Mfg. Co. of Holyoke, Mass., manufacturers of fireproof and kalemeln doors, announcing that they are now exclusively represented in Baltimore, Md., and vicinity by Charles A. Weiller, 617 Lexington Building, Baltimore.

Milwaukee Electric Co. Representative.

Byron B. Evans, formerly Pittsburgh district representative of the Milwaukee Electric Crane & Mfg. Corporation, Milwaukee, Wis., has been appointed Chicago district representative of the company, succeeding Page & Ludwick, with offices located at 11 South La Salle street, Chicago, Ill.

Cisco Buys Mueller Machine Tool Co.

The Cisco Machine Tool Co., Inc., Cincinnati, Ohio, recently purchased the Mueller Machine Tool Co., also of that city, manufacturers of radial drills and lathes. The manufacture of their full line of radial drills from 2 inches to 4½ inches will be continued, but their line of lathes will be discontinued, although repairs and attachments for them will be furnished. Drill repairs will also be supplied and the name of Mueller will be retained.

Auction Sale of Navy Surplus Coming.

According to an official announcement that appears elsewhere in these columns there will be an auction sale of navy surplus and surveyed material at the Boston (Mass.) Navy Yard at 10 o'clock A. M. April 20, the goods offered including thousands of pairs of trousers, nearly a million pounds of ferrous metals, over 150,000 pounds of non-ferrous metals; electrical material, including searchlights; boat and ship fittings, hand and machine tools, besides several boats of different kinds, etc. Further particulars will be found in the advertisement.

Safe and Vault Sales in Florida.

The Franz Safe & Lock Company of Jacksonville, Tampa and Miami, Fla., report making within the last four months a number of sales of vault equipment for banks and other financial institutions at various places in Florida, including Jacksonville, St. Augustine, Tampa, Miami, Dunnellon, Sarasota, Ybor City, Clearwater, Arcadia, Venice, Maitland, Coconut Grove, West Palm Beach, Lake Helen, Brooksville, St. Petersburg and Ormond. Most of these are for either entirely new banks or for new bank buildings, but a few are for remodeling old institutions. Some of the work has been installed and the rest is under construction. The list does not include small jobs such as for doors, boxes, etc., but only larger ones. The report includes 11 new banking institutions, evidences of Florida's advancement continuing unchecked.

Machine Plant to Be Sold.

The sale of the Detrick & Harvey machine plant, to which reference was made recently in these columns, is announced to take place at auction on the premises at Baltimore, Md., on April 27 and 28, according to a formal announcement which appears elsewhere in this issue. The sale will include machine tools, motors, machine tool and cold rolled steel, etc., that are mentioned in detail in the advertisement, which also gives much other information. The auctioneers are Samuel T. Freeman & Co., of Philadelphia and Boston, and M. Fox Sons Co. of Baltimore.

Flood & Co. Laboratory in South.

Walter H. Flood & Co., chemical engineers, whose paving laboratories are at 932 East 44th St., Chicago, Ill., have established their new Southern laboratory in the Daniel Building, Jackson, Miss., with complete facilities for handling inspection and testing of all construction materials and a competent corps of resident inspectors for supervising paving construction. Their line of work covers not only plant and street inspection, but physical and chemical tests of asphalt, road oil, tar, cement, brick, concrete, wood block, stone, sand and gravel.

Chicago Firm Buys Abandoned Railroad.

The Hyman-Michaels Company of Chicago have just acquired all the rails and locomotives of the former Kansas City & Northwestern Railroad, whose terminals were at Kansas City, Kan. The equipment is in good condition and will be sold to the public through regular channels. The dismantling of the railroad will begin immediately and is expected to be finished before the end of this year.

Vice-President and Sales Manager.

The Electric Storage Battery Co., Philadelphia, Pa., manufacturers of Exide batteries, has appointed H. B. Gay, who has been sales manager for several years, to also be a vice-president. He will continue to have charge of sales. Mr. Gay, who is a graduate of Cornell University, formerly represented the company at Baltimore and at Cleveland, respectively, but was transferred to Philadelphia in 1920.

District Representative Named.

The Milwaukee Electric Crane & Manufacturing Corporation, Milwaukee, Wis., builders of electric traveling cranes and hoists, have appointed A. H. Ellison as district representative in the New York territory, with offices at 50 Church street, New York. Mr. Ellison is widely experienced in crane and hoist equipment.

Plan Strawberry Festival at Chadbourn—Industry Has Had Rapid Development.

Chadbourn, N. C.—On May 12 strawberry growers of Chadbourn and vicinity will hold a large strawberry festival to celebrate the thirtieth anniversary of the inauguration of the industry in this section. Touching on the early history of the industry, J. A. Brown of this city states that 30 years ago he was induced to plow up several growing crops and divert the land to the cultivation of strawberries, setting out 200,000 plants which he lost, due to dry weather and other adverse conditions. He next set out nearly seven acres of land, from which he sold berries to the value of \$5562.

In 1897 six hundred 32-quart crates were shipped from this point and in 1898 about 6000 crates were shipped. In 1900 approximately 17,000 crates were shipped, and from that date the increase was great, reaching a total of 317,000 crates in 1905. In 1907 the peak of the movement was reached with total shipments of 347,000 crates, hauled by 1623 cars. Largest shipments for a day required 180 cars to haul 36,000 crates and required 15,000 laborers to handle.

This rate of production was sustained until 1909, when the movement became so heavy that transportation broke down and growers incurred large losses. Production decreased and was still further forced down by the scarcity of labor during the World War. Since the close of the war the Government has established an entomological laboratory for the study of the strawberry weevil; this has resulted in the discovery of means to control it. Production is again increasing, with prospects that it will soon reach its former volume.

Two main reasons are advanced for the rapid development of strawberry culture in this section, the first being adaptability of soil and climate, and the second the fact that the fruit reaches Eastern markets after Florida has ceased shipping and before markets farther north have started.

Two Applications for Power Permits in South.

In the four-week period ended March 27 applications for preliminary permits for two Southern power developments were filed with the Federal Power Commission, Washington. One was filed by the Kentucky Hydro-Electric Co., Louisville, for a project in Cumberland River, near the mouth of Wolf Creek in Russell county, Kentucky, for an estimated capacity of 54,000 kilowatts. The proposed dam will be about 220 feet high, to create a pool with a maximum capacity sufficient to reach the tailwater level of project No. 389 of the Cumberland Hydro-Electric Co., located on this stream.

Application has been made by the Fitkin Utilities, Inc., of New York for a preliminary permit for a power project in Santa Fe River, in Alachua and Columbia counties, Florida. The approximate primary capacity is 2200 horsepower.

Contracts for Two High Schools Total \$932,000.

Jacksonville, Fla., March 24—[Special.]—Contracts have been awarded by the Duval County Board of Public Instruction to the Griffin Construction Co. of Atlanta and Jacksonville at \$932,950 for the erection of two new high-school buildings here. Mark & Sheftall of this city are the architects. Each school will accommodate nearly 1700 students, and individual metal lockers, with other modern equipment, will be installed in each building. Bids for electrical work, plumbing and heating will soon be invited.

Lake County Commissioners, Tavares, Fla., T. C. Smyth, clerk, will receive bids until April 19 for the purchase of \$75,000 of bonds of the East Lake special road and bridge district.

Immigrants in Professional Class Show Threefold Increase in 1924-1925.

The proportion of immigrants belonging to the professional classes, which in the last few years before the war showed a tendency to decline, since 1920 has increased, and for the fiscal year 1924-25 was approximately three times as large as the average for 1910-14, according to an analysis of immigration statistics made by the National Industrial Conference Board, New York. This reflects the economic hardships undergone during post-war years in Europe principally by those engaged in cultural activities, as teachers, students and academicians of all kinds, artists, musicians and writers, constituting a large portion of the educated middle classes whose incomes and investments suffered severely through post-war economic adjustments.

Professional people, the Board's analysis also discloses, generally come to stay, resembling therein the agricultural immigrants and skilled workers, and in contrast to the immigrants classed as common labor, who to a large extent after a few years return to their home countries, often in excess of the new arrivals, as they did in 1911, 1912, 1920, 1922 and 1925. Out of 62,124 professional aliens who came to the United States during the fiscal years of 1910 to 1914, 50,107, or more than four-fifths, stayed, while out of 89,790 who came during the fiscal years 1920 to 1925, 73,019, or nearly four-fifths, remained.

Although total immigration has been reduced roughly to about a third by immigration-restriction legislation enacted since the war, in actual numbers more professional aliens were admitted to the United States during the fiscal year 1924-25, when 10,481 entered, than in 1909-10, when only 10,334 came in. In 1923-24, the last year before the 2 per cent quota Act went into effect, 24,778 professional people were admitted. The average ratio of professional immigrants to total immigration (including all men, women and children of all classes) for the years 1910-14, inclusive, was 1.2 per cent, while in the fiscal year 1924-25 it was 3.6 per cent, or three times greater. Professional aliens during 1911-14 constituted 1.9 per cent of all male immigrants, but in 1924-25 amounted to 6.2 per cent of all male immigrants.

The following table gives total immigration, the number of professional aliens admitted and the ratio of professional persons to the total number of immigrants for the fiscal years 1909-10 to 1924-25, with the exception of the war years:

Fiscal years	Total immigration	Professional aliens	Ratio of professionals to total per cent
1909-10	1,041,570	10,334	1
1910-11	878,587	12,035	1.4
1911-12	838,172	11,685	1.4
1912-13	1,197,892	13,469	1.1
1913-14	1,218,480	14,601	1.2
1910-14	5,174,701	62,124	Average 1.2
1919-20	430,001	12,442	2.9
1920-21	805,228	14,592	1.8
1921-22	309,556	10,955	3.6
1922-23	522,919	16,542	3.2
1923-24	706,896	24,778	3.5
1924-25	294,314	10,481	3.6

To Build \$200,000 Yacht Club.

St. Augustine, Fla.—Plans are being prepared by Hedrick & Schoeppl of this city for a club building to be erected at Davis Shores by D. P. Davis, who will donate it to the St. Augustine Yacht Club. The structure will be two stories and tower, 150 by 175 feet on an L plan, fireproof, of concrete and hollow tile, stucco and plaster, with cast stone ornaments, concrete pile foundation, tile, terrazzo, composition and cement floors, and tile roof. It will cost about \$200,000, while the furnishings and equipment will involve approximately \$60,000 additional.

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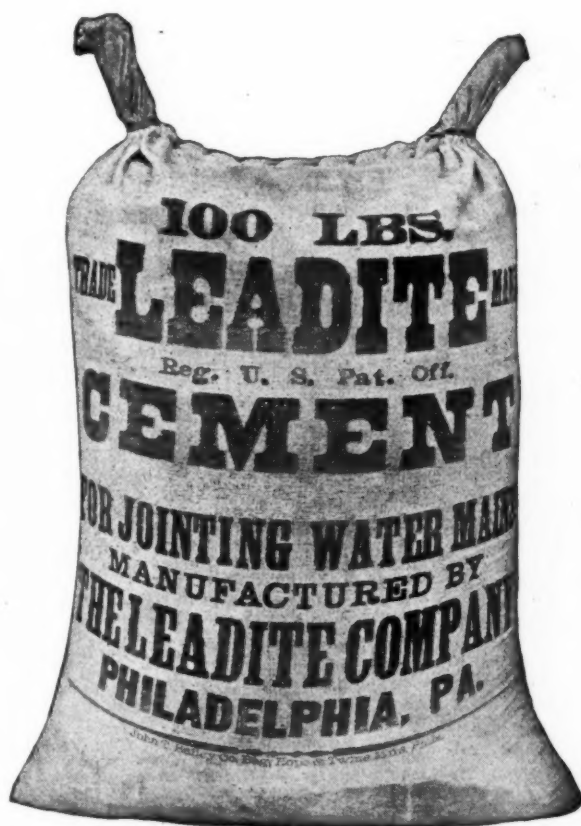
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FINANCIAL NEWS

Bond Issues Proposed

Ala., Birmingham—Public Improvement—City, Eunice S. Hewes, Clk., receives bids Apr. 13 for \$300,000 4½, 4% or 5% \$1000 denom. bonds.*

Ala., Fairhope—Street—City, I. M. Galbraith, Mayor, receives bids Apr. 12 for \$50,000 bonds.

Ala., Mobile—Refunding—Mobile County Board of Revenue and Road Commrs., Albert S. Stone, Pres., receives bids May 10 for \$200,000 5% bonds; Thos. B. Allman, Clk.

Ala., Tusculum—Hospital—Board of Aldermen plans \$37,500 bond election.

Fla., DeFuniak Springs—Road—Walton County voted \$1,000,000 bonds.*

Fla., Fort Myers—Municipal Improvement—City plans selling \$1,750,000 bonds. Address City Clk.

Fla., Howey—Municipal Improvement—Town, Ann K. Mare, Clk., receives bids for \$300,000 6% bonds; \$63,175, water works; \$26,225, electric; \$34,750, street; \$42,125, town hall; \$13,700, fire equipment; \$105,275, park; \$14,750, pavilion.

Fla., Inverness—Road—Citrus County Commrs. voted \$2,000,000 bonds. Address County Commrs.

Fla., Kelsey City—Municipal Building—City, A. R. Birchard, Mayor, voted \$125,000 bonds.

Fla., Mascotte—School—Town voted \$25,000 bonds. Address Town Clerk.

Fla., Miami—School—Public School Dist. No. 13, Dade County, voted \$85,000 bonds.

Fla., Miami—Municipal Improvement—City, F. H. Wharton, Mgr., plans selling \$11,250,000 bonds.*

Fla., Okeechobee—Improvement—City, R. P. Fletcher, Clk., rejected bids for \$215,000 6% bonds.*

Fla., Okeechobee—Road—Okeechobee County Commrs., C. E. Simmons, Clk., receives bids May 25 for \$160,000 6% \$1000 denom. bonds.

Fla., Palatka—Paving, Improvement—City Comm. plans selling \$375,000 6% bonds.

Fla., Palm Beach—Municipal Improvement—City, Trevette Lockwood, Mgr., voted \$2,000,000 bonds; \$125,000, street lighting; \$500,000, bulkheading; \$200,000, sidewalks and garbage disposal; \$575,000, street widening; \$100,000, fire fighting equipment.*

Fla., Polk City—School—City voted \$40,000 bonds. Address Pres. Board of Trustees.

Fla., Port Tampa City—School—Hillsborough County, Port Tampa City Dist., voted \$150,000 bonds. Address County Board of Public Instruction; plans selling bonds.

Fla., St. Augustine—Road—St. Johns County Commrs. receive bids May 1 for \$2,200,000 5% bonds; Obe P. Goode, Clk.

Fla., Stuart—Harbor—Martin County votes April 20 on \$1,000,000 bonds. Address County Commrs.

Fla., Tampa—School—Hillsborough County Board of Public Instruction, W. D. F. Snipes, Sec., receives bids Apr. 20 for \$100,000 6% \$1000 denom. Special Tax School Dist. No. 50 and \$48,000 6% \$1000 denom. Special Tax School Dist. No. 10 bonds.*

Fla., Tampa—School—Lake Magdalene School Dist. No. 2 voted \$405,000 bonds. Address Hillsborough County School Board.

Fla., Tampa—Road, Bridge—Hillsborough County Commrs., T. M. Shackelford, Jr., County Atty., plans selling \$1,100,000 bonds.

Fla., Titusville—School—Brevard County voted \$500,000 bonds; Dist. No. 1, Titusville, \$250,000; Dist. No. 4, Melbourne, \$200,000; Eau Gallie Dist., \$50,000.*

Fla., Vero Beach—Municipal Improvement—City, H. G. Redstone, Clk., receives bids Apr. 15 for \$161,500 6% \$1000 denom. bonds.

Fla., West Palm Beach—Road—Palm Beach County Commrs. contemplate \$10,000,000 bond issue.

Fla., Winter Haven—School—Chamber of Commerce interested in \$180,000 bond issue for 2 Ward schools.

Ga., Atlanta—Road—House Committee on Constitutional Amendments approved \$70,000,000 bond issue.

Ga., Columbus—Paving—Muscogee County Commrs. rejected bids for \$1,650,000 4½% bonds.*

Ga., Columbus—Paving—Muscogee County Comm., R. H. Barnes, Clk., receives bids Apr. 14 for \$660,000 bonds.*

Ga., Eastman—Paving, Water Works—City, M. C. Edwards, Mgr., receives bids May 5 for \$33,000 5% \$1000 denom. bonds.

Ga., Ludowici—Lighting Plant—City voted \$8000 bonds. Address City Clk.

Ga., Newnan—Paving—City voted \$50,000 bonds. Address City Clk.*

Ga., Toccoa—Road—Stephens County Commrs., Fernor Barrett, Clk., receives bids Apr. 17 for \$100,000 5% bonds.

Ky., Cynthiana—Road—Harrison County Commrs. may call election in May on \$150,000 bond.

Ky., Elkton—Road—Todd County Commrs. contemplate \$300,000 bond issue.*

Ky., Flemingsburg—Road—Fleming County voted \$300,000 bonds. Address County Commrs.*

Ky., New Castle—Road—Henry County Fiscal Court will call election Apr. 10 on \$400,000 bonds. Address County Commrs.

La., Baton Rouge—East Baton Rouge Parish Police Jury, F. A. Woods, Sec., receives bids Apr. 13 for \$158,000 5% Excess Revenue, \$135,000 5% \$1000 denom. Sub-Road Dist. No. 1, \$50,000 5% \$1000 denom. Sub-Road Dist. No. 4, \$57,000 6% \$1000 denom. Sub-Road Dist. No. 5 and \$75,000 5% \$1000 denom. Sub-Road Dist. No. 15 bonds.

La., Bunkie—Sewer—Board of Aldermen will call election May 6 on \$100,000 bonds.

Miss., Greenwood—Courthouse—LeFlore County voted \$125,000 bonds. Address County Commrs.*

Miss., Purvis—School—Rocky Branch Consolidated School Dist. voted \$18,000 bonds. Address County Commrs.

Mo., Branson—Water Works, Sewage Disposal Plant—City votes about May 15 on \$45,000 bonds. Address City Clk.

Mo., Charleston—Municipal Improvement—City, E. Harold Smith, Clk., receives bids Apr. 12 for \$81,500 5% bonds; \$550, fire fighting equipment; \$30,000, sewer system; \$46,000, water works; C. L. Joslyn, Mayor.*

Mo., Webster Groves—Municipal Improvement—City, R. L. Wilson, Clk., receives bids Apr. 12 for \$175,000 4½% \$1000 denom. bonds.*

N. C., Asheville—School—School Board plans calling election in Oct. on \$1,500,000 bonds.

N. C., Gastonia—Municipal Improvement—City, D. L. Struthers, Mgr., receives bids about middle of May for \$225,000 bonds.

N. C., Pinetops—Water Works, Sewer—Town Commrs., W. E. Crisp, Clk., receives bids Apr. 16 for \$75,000 6% \$1000 denom. bonds.

Okla., Dawson—Water Works—City voted \$24,000 bonds. Address City Clk.

Okla., Waurika—Jefferson County Commrs. may call election on \$300,000 bonds.

Okla., Wayne—School—Board of Education, Independent School Dist. No. 10, McLain County, O. W. Dawson, Clk., receives bids Apr. 9 for \$32,000 6% \$500 denom. bonds.

Tenn., Lewisburg—School—Marshall County Court, Noble C. Hill, Cmm., receives bids Apr. 14 for \$50,000 bonds.

Tenn., Lewisburg—Fire Equipment—City voted \$12,000 bonds. Address City Clk.

Tenn., Memphis—Refund—City Comm. plans issuing and selling \$957,000 4½% bonds.

Tenn., Trenton—School, Indebtedness—Gibson County Court may call election in Apr. on \$20,000 bonds. Address County Board of Education.

Tenn., Wartburg—Road and School Deficit—Morgan County voted \$200,000 bonds. Address County Commrs.

Tex., Austin—School—City, W. D. Yett, Mayor, will call election May 15 on \$159,000 bonds.*

Tex., Austin—Hospital—City, W. D. Yett, Mayor, will call election May 15 on \$100,000 bonds.

Tex., Big Lake—Courthouse, Jail—Reagan County voted \$50,000 bonds. Address County Commrs.*

Tex., Brackettville—Road—Kinney County Commrs. contemplate bond issue.

Tex., Brownsville—Auditorium—Chamber of Commerce Building—Chamber of Commerce interested in \$160,000 bond issue. Address W. E. McDavitt.

Tex., Cuero—Road—DesWitt County, Stan-

ley Kulawik, County Judge, plans \$1,500,000 bond election.

Tex., Dallas—Water Works—Board of Commrs., W. V. Greenwade, Chmn., 745 S. Maryland Ave., will call election April 10 on \$110,000 bonds for Broadmoor and Highland Additions.

Tex., Eastland—School—Board of Education, Arthur Ervin, Sec., will call election Apr. 27 on \$30,000 Ranger Independent School Dist. bonds.

Tex., Houston—Sewer—City, O. F. Holcombe, Mayor, will call election in about 6 weeks on \$1,000,000 bonds.

Tex., Kerrville—Court House, Jail—Kerr County Commrs. receive bids Apr. 12 for \$110,000 5% \$1000 denom. bonds.

Tex., Marshall—Municipal Improvement—City votes Apr. 17 on \$150,000 bonds; \$25,000, fire; \$75,000, city hall; \$50,000, water. Address City Clk.

Tex., McLean—School—McLean Independent School County, voted \$35,000 bonds. Address Gray County School Board, Lefors.

Tex., Muleshoe—Road—Bailey County, W. G. Kennedy, Judge, plans \$90,000 bond election.

Tex., Nacogdoches—School—R. F. Davis, Supt. of Schools, plans calling bond election.

Tex., Premont—Water Works—Jim Wells County, R. R. Mullen, County Judge, Alice, may call election on \$30,000 bonds.

Tex., San Juan—City votes Apr. 27 on \$60,000 paving and \$80,000 school bonds. Address City Clk.

Tex., Texarkana—Street—City, W. H. James, Sec., receives bids Apr. 8 for \$200,000 4½% bonds; H. S. Brashear, Mayor.*

Va., Martinsville—Water—Judge of Corporation Court may call election Apr. 22 on \$200,000 bonds.

W. Va., Beckley—Road—Raleigh County, Marsh Fork Dist., voted \$168,000 bonds. Address County Commrs.

W. Va., Fairmont—Road—Marion County, Union Dist., votes May 11 on \$100,000 bonds.

W. Va., Williamson—Municipal Improvement—City Comm. will call election April 24 on \$335,000 bonds; \$105,000, street; \$230,000, water works.

Bond Issues Sold

Fla., Clearwater—Paving—City Commrs. sold \$1,268,000 5½% bonds to Wright-Warlow Co., Orlando.

Fla., Cocoa—Street—City sold \$198,000 6% bonds jointly to W. L. Slayton & Co., and Ryan, Sutherland & Co., both Toledo, O.

Fla., De Land—School—Board of Public Instruction, V. W. Gould, Chmn., sold \$30,000 6% Volusia County Special Tax School Dist. No. 39 bonds to Brown-Crummer Co., Wichita, Kansas, at 95.*

Fla., Fort Pierce—Municipal Improvement—City Comm., Charles C. Burry, Clk.-Auditor, sold \$1,098,000 bonds to Stranahan, Harris & Oatis, Inc., Toledo, at 95.70.*

Fla., Orlando—Sewer, Paving—City, J. A. Stinson, Clk., sold \$230,000 5% bonds to E. P. McMakin & Co., Chicago, Ill., at \$224.975 and accrued interest.*

Fla., Sebring—Municipal Improvement—City sold \$131,000 bonds to Clayton C. Towns, Lake Sebring, at par.

Fla., Tampa—Road, Bridge—Hillsborough County Commrs. sold \$2,350,000 bonds to Austin, Grant & Co., 22 William St., New York, and Exchange National Bank, Tampa, for \$2,286,550.

Mo., Bethany—School—City sold \$60,000 4½% bonds to Mississippi Valley Trust Co., St. Louis, at premium of \$943.*

Mo., Kansas City—School—City sold \$1,000,000 4½% Kansas City School Dist bonds jointly to Halsey, Stuart & Co., 200 S. La Salle St.; A. G. Becker & Co., 137 S. La Salle St., both Chicago, and R. W. Pressprich & Co., 40 Wall St., New York, at 103.57.

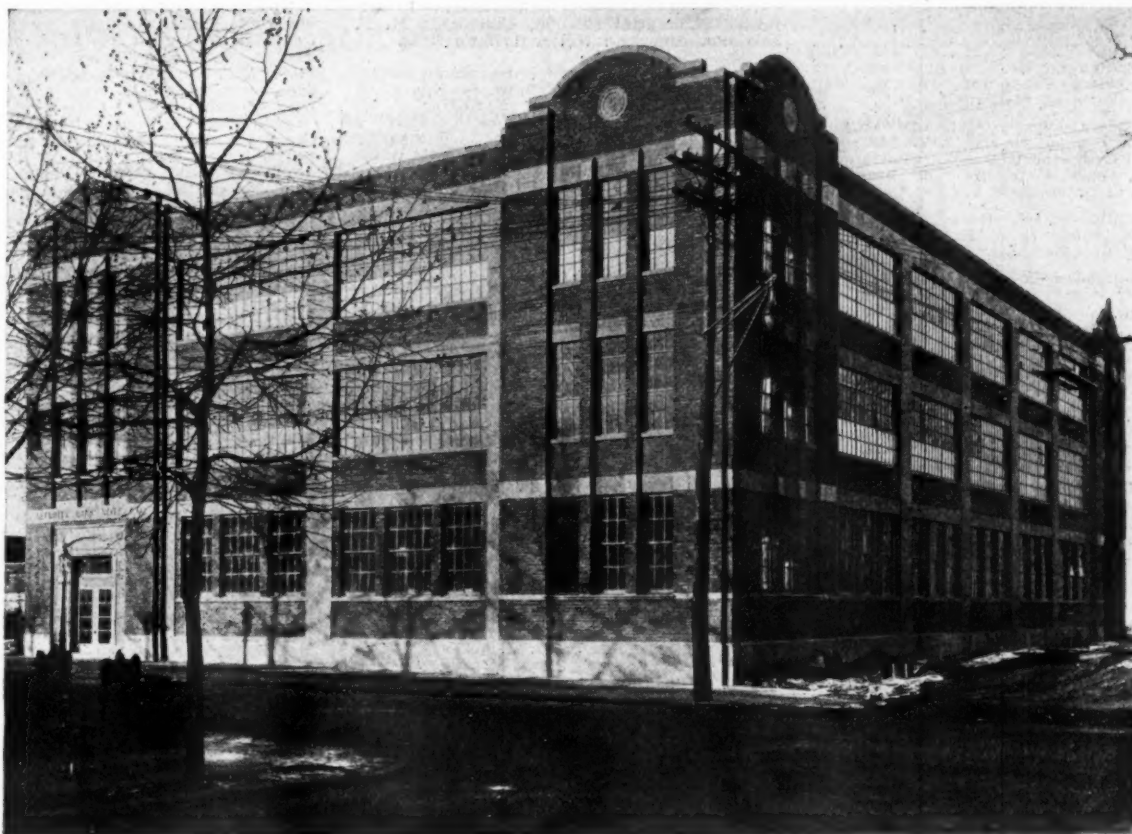
N. C., Graham—Street—City sold \$65,000 coupon bonds jointly to Federal Trust Co., St. Louis, and W. F. Shaffner & Co., Wachovia Bank Bldg., Winston-Salem, at premium of \$201.

N. C., Williamston—Road and Bridge—Martin County Commrs., J. Sam Getsinger, Clk., sold \$175,000 5% bonds to Prudden & Co., Toledo, Ohio, at 104.91.*

N. C., Wilson—Highway—Wilson County Commrs. sold \$625,000 4½% bonds to C. W. McNear & Co. at 101.95.

(Continued on page 126.)

In writing to parties mentioned in this department it will be of advantage to all concerned if the Manufacturers Record is mentioned.



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*Engravers and printers for over forty years of
bonds, stock certificates, etc.*

SECURITY BANK NOTE CO.

55th BELOW CHESTNUT, PHILA.



(Continued from page 124.)

S. C., Spartanburg—Spartanburg County Board of Control sold \$1,215,000 4% bonds to Curtis & Sanger, 49 Wall St., New York, and Montgomery Trust Co., 109 W. Main St., Spartanburg, at \$1,207,825.

Tenn., Chattanooga—Municipal Improvement—City, Mayor Hardy, sold \$1,085,000 bonds to First Securities Co., Chattanooga, and Howe, Snow & Bertles, 120 Broadway, New York, at premium of \$72,141.*

Tenn., Halls—Street—Board of Aldermen sold \$40,000 bonds to A. K. Tigrett & Co., 80 Madison St., Memphis.*

Tenn., Jonesboro—Road—Washington County Quarterly Court, E. C. Wallin, Chmn., sold \$17,000 5% bonds to Caldwell & Co., 400 Union St., Nashville, at par, accrued interest and premium of \$34,340.*

Tenn., Knoxville—Paving—City, Alexander Harris, Director of Public Works, sold \$429,000, 4% bonds to Seasongood & Mayer, Cincinnati, Ohio, at 101.08.

Building and Loan Associations

Ark., Little Rock—Prudential Building & Loan Assn., new Donaghey Bldg., organized; L. E. Whitmore, Pres., 1717 W. 23rd St.

Md., Baltimore—Lion Permanent Building & Loan Assn., Inc., 545 N. Gay St., capital \$225,000, incorporated; Wm. Sinsky.

Md., Linthicum Heights—Shipley Building & Loan Assn., capital \$499,980, incorporated; Wm. J. Grimm, John W. Downs.

Miss., Biloxi—Lincoln Building & Loan Assn., Inc., chartered; Jos. Burstein, Jas. G. Meadors.

Tex., Tyler—East Texas Building, Loan & Savings Assn. chartered; S. L. Watts, Pres.; Julian Smith, Sec.

Tex., Tyler—Co-operative Building & Loan Assn. plans increasing capital, \$2,000,000 to \$5,000,000.

New Financial Corporations

Ala., Ensley—Ensley National Bank of Birmingham, capital \$200,000, chartered; D. F. Knapp, Pres.; J. A. Holcomb, Cashier.

D. C., Washington—Security Savings & Commercial Bank, Julius I. Peyser, Pres., plans increasing capital, \$200,000 to \$300,000.

Fla., Arcadia—DeSoto Home Builders, Inc., capital \$100,000, organized; Rupert Smith, Pres.; Rachel Simpson, Sec.

Fla., Clearwater—First National Bank of Clearwater, capital \$200,000, chartered; John Wyatt, Pres.

Fla., Gainesville—A. M. Welsh, Louisville, Ky., and J. H. Scales, Perry, Ga., plans establishing national bank with \$100,000 capital.

Fla., Jacksonville—Bond & Mortgage Co. of Jacksonville, capital \$100,000, organized; Frank D. Bisbee, Pres., 116 W. Forsyth St.

Fla., Lakeland—Central Bank & Trust Co., A. E. Pickard, Pres., increases capital, \$140,000 to \$225,000.

Fla., Miami—Simon Swig and Associates purchased Tamiami Banking Co., 117 W. Flagler St.; reorganized and increased capital, \$50,000 to \$500,000; C. G. Anderson, Pres.; E. A. Fowler, Cashier.

Ga., Savannah—Citizens & Southern Bank, Wm. Murphy, Pres., acquired Merchants Bank of Valdosta, H. Y. Tillman, Pres., known as Citizens and Southern Bank, with resources over \$70,000,000; Mills B. Lane, Pres.; T. I. Denmark, Cashier.

Mo., Kansas City—Shawnee Investment Co., capital \$50,000, incorporated; George J. Mersereau, First National Bank Bldg.

Mo., Nixa—Bank of Nixa, W. E. Keltner, Pres., acquired Farmers Bank, W. B. Wasson, Pres.; known as Bank of Nixa, W. E. Keltner, Pres.; H. T. Nokes, Cashier.

Mo., St. Louis—Lawrence Stern & Co., Inc., incorporated; Lawrence F. Stern, Bertha Roehner.

Mo., St. Louis—Union Mutual Loan Co., capital \$15,000, incorporated; E. Busch, 4745 McMillan St.

N. C., Asheville—D. Ralph Millard Finance Corp., capital \$500,000, chartered; D. Ralph and F. H. Millard.

N. C., Asheville—Retlaw Investment Co., capital \$100,000, chartered; Dan W. Hill, Arden Rd., Forest Hill.

N. C., Asheville—Moodie-Hoxman Investment Co., capital \$25,000, chartered; M. E. Hoxman, American National Bank Bldg.

N. C., Kenly—Farmers Bank, H. F. Edgerton, Pres., merged with Bank of Kenly, G. W. Watson, Pres., as Bank of Kenly; G. W. Watson, Pres., E. V. Neighbors, Cashier.

N. C., West Asheville, Asheville—West Asheville Finance Co., capital \$100,000, chartered; J. G. Anderson, Medical Bldg.

Okla., Muskogee—Citizens National Bank of Muskogee, capital \$100,000, organized; L. H. Rooney, Correspondent, 906 Manhattan Bldg.

Okla., Tishomingo—First National Bank, capital \$25,000, chartered; R. A. Norris, Pres.; C. F. Adams, Cashier.

Tenn., Memphis—G. B. Canada of Barbers' Union plans establishing labor bank with \$100,000 capital.

Tex., Cuero—Farmers State Bank & Trust Co. of Cuero acquired First State Bank & Trust Co.; reorganized; Louis Schorre, Pres.; Fritz A. Schorre, Cashier.

Tex., Pickton—First National Bank of Pickton, capital \$25,000, organized; D. F. Jackson, Correspondent; succeeds First State Bank of Pickton.

Tex., Chapman Branch—First National Bank of Chapman Branch, capital \$25,000, organized; Will McPherson, Correspondent.

The Equitable Trust Company of New York has appointed Wallace M. Montgomery as representative in the Southeast. From central offices in Atlanta Mr. Montgomery will serve a broad territory, including Georgia, Florida, Alabama and South Carolina. Thus the company rounds out its facilities for handling Southern business, already afforded by its Baltimore office and special Southwestern representative, Mr. Gafford. Mr. Montgomery was formerly assistant credit manager and later a special new business representative of the Citizens and Southern Bank in Atlanta, and he has firsthand knowledge of business conditions and banking needs in this territory.

Heat Transfer and Evaporation. By W. L. Badger. New York: The Chemical Catalog Company, Inc., 1926. Cloth. Pp. 306. \$5.

The author of this volume, who modestly remarks in the preface that he is fully sensible of all its shortcomings, is professor of chemical engineering at the University of Michigan, Ann Arbor. It was begun with the intention to write a comprehensive work on heat transfer in all its phases, but the first six chapters required three years for their preparation and it was necessary to accelerate the task; so, following the sixth chapter, the book is devoted strictly to evaporators, making a decided change in the method of presentation, the later chapters being designed not for the student and research worker but for designing and operating engineers. Professor Badger further says that his book is not intended to be a manual for unskilled operators. No excuse is needed or offered for the use of mathematics; in fact, he apologizes for not giving mathematical treatment of more of the subjects and for not having worked out more problems. Patent references are fairly full, going back to 1905. The book shows painstaking effort, and it will be appreciated by men who know.

Robins Conveyor Idler.

A large folder published by the Robins Conveying Belt Company, Park Row Building, New York, N. Y., gives full particulars concerning the new Robins No. 303-X conveyor idler that is claimed to possess features of durability and economy which stand every test and analysis. A two-page picture affords a comprehensive view of the idler. The names of a number of users are also published.

Statement of the ownership, management, circulation, etc., required by the Act of Congress of August 24, 1912, of MANUFACTURERS RECORD, published weekly at Baltimore, Md., for April 1, 1926.

State of Maryland,
City of Baltimore.
Before me, a Notary Public, in and for the State and City aforesaid, personally appeared Frank Gould, who, having been duly sworn according to law, deposes and says that he is the Business Manager of the MANUFACTURERS RECORD, and that the following is, to the best of his knowledge and belief, a true statement of the ownership, management, circulation, etc., of the aforesaid publication for the date shown in the above caption, required by the act of August 24, 1912, embodied in Section 411, Postal Laws and Regulations, to wit:

1. That the names and addresses of the publisher, editor, managing editor and business managers are: Publisher, Manufacturers Record Publishing Co., Baltimore, Md.; editor, Richard H. Edmonds, Manufacturers Record, Baltimore, Md.; managing editor, none; business managers, Frank Gould and Victor H. Power, Manufacturers Record, Baltimore, Md.

2. That the owner is Manufacturers Record Publishing Company, Baltimore, Md. Stockholders are: Richard H. Edmonds, Manufacturers Record, Baltimore, Md.; Mrs. Addie L. Edmonds, Manufacturers Record, Baltimore, Md.; Miss Mary E. Edmonds, Manufacturers Record, Baltimore, Md.; Frank Gould, Manufacturers Record, Baltimore, Md.; I. S. Field, Manufacturers Record, Baltimore, Md.; C. R. Marchant, Manufacturers Record, Baltimore, Md.; V. H. Power, Manufacturers Record, Baltimore, Md.; J. Robert Gould, Manufacturers Record, Baltimore, Md.

3. That there are no outstanding bonds, mortgages or other liens against the property, except mortgage on building, held by Baltimore Commercial Bank.

4. That the two paragraphs next above, giving the names of the owners, stockholders and security-holders, if any, contain not only the list of stockholders and security-holders as they appear upon the books of the company, but also, in cases where the stockholder or security-holder appears upon the books of the company as trustee or in any other fiduciary relation, the name of the person or corporation for whom such trustee is acting is given; also that the said two paragraphs contain statements embracing affiant's full knowledge and belief as to the circumstances and conditions under which stockholders and security-holders who do not appear upon the books of the company as trustees hold stock and securities in a capacity other than that of a bona-fide owner, and this affiant has no reason to believe that any other person, association or corporation has any interest, direct or indirect, in the said stock, bonds or other securities than as so stated by him.

FRANK GOULD,

Vice-President.

Sworn to and subscribed before me this 27th day of March, 1926.

EDWIN T. SICKEL,

Notary Public.

(My commission expires May 2, 1927.)

The Golden Glories of Miami as Shown in Bank Statements

The millions of dollars that have flowed into the banks of Florida are best shown in the marvelous growth of deposits of the banks of Miami. These figures are plainly indicated in the latest Annual Blue Book edition of the American Bank Reporter covering the entire country, Canada and Europe, with other banking reference information indispensable to every bank, banker, financial house or business man.

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Our Corporation Department offers a helpful advisory service to Southern industrial, public utility and similar Corporations which desire to increase working capital, to readjust their capital structure, or to make plant extensions.

This Department will be pleased to discuss such matters with officials.

Its suggestions relative to new financing may also be of value.

All communications should be addressed to Corporation Department.

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**New \$1,000,000 Apartment-Hotel Opened at
Houston.**

Houston, Texas.—Combining the comforts of home life with the conveniences of a modern hotel, the new \$1,000,000 Plaza apartment-hotel at Montrose boulevard and Bartlett street, this city, has been formally opened. The structure, erected by the Plaza Hotel Apartment Co., of which Craig Belk is president, is eight stories and basement, of American Renaissance architecture, reinforced concrete construction, with buff rough face brick exterior and ornamental stone and terra cotta trim. It contains 105 apartments, ranging from a one-room combination living room and bedroom with dressing room and bath to large apartments for the accommodation of families of average size.

An interchangeable floor plan of the building makes it possible to augment or decrease the number of rooms to an apartment. A two-story garage, built in harmony with the structure, is designed for the use of guests. Plans and specifications were prepared by Joseph Finger and general contract executed by the Southwestern Construction Co., both of Houston. Financing was handled by the National Bond & Mortgage Corporation of Houston in connection with G. L. Miller & Co. of New York and Atlanta.

To Begin Number of Building Projects.

H. C. Davis, architect and contractor, of Honaker, Va., advises the MANUFACTURERS RECORD that he expects to start work immediately on a number of building projects, for which he has contract, including a theater, store, hotel and cafe combined at Richlands, Va., for which the Bailey Lumber Co. of Bluefield, W. Va., is supplying all material; residence at Honaker for D. F. Buckland; installing fixtures in building at Honaker for the Bank of Russell County, which plans to erect a new building later; residence at Tazewell, Va., for William R. Bundy, and a residence at Swords Creek, Va., for Charles Compton.

Mr. Davis states that the city of Honaker contemplates erecting a modern brick plant, details of which may be obtained from Dr. J. H. Lockhart.

Shipment of 60,000,000 Onion Plants.

Devine, Texas.—From a small beginning C. H. Melton of Devine has developed the business of growing onion plants to one of large proportions. He recently shipped 60,000,000 plants, filling 11 cars, to Kansas City, Mo., where the train was broken up and the plants distributed to points in the middle West. The value of this shipment was \$75,000, but before the season for planting closes, late in April, Mr. Melton will have shipped plants to a value of more than \$750,000, it is expected. He is preparing to enlarge his cultivated area next season from 1581 to 5000 acres.

Work Begins on \$150,000 Mississippi Hotel.

Amory, Miss.—Formal organization has been effected here of the Amory Hotel & Realty Co., and details have been completed for financing a \$150,000 hotel on Main street, facing the city park. The building will be 100 by 150 feet, four stories, and is expected to be completed by September 1. The Gauger-Korsmo Construction Co. of Memphis, Tenn., is the general contractor.

The fourteenth annual meeting of the Southeastern division of the National Electric Light Association, executive offices in the Hurt Building, Atlanta, will be held at the Carolina Inn, Pinehurst, N. C., on April 27, 28 and 29.

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Surface Water Supply of the South Atlantic Slope and the Eastern Gulf of Mexico.

Issued as Part 2 of the Surface Water Supply of the United States, the Geological Survey has published a pamphlet, Number 542, describing the water supply and stream flow of principal rivers of the South Atlantic Slope and Eastern Gulf of Mexico basins. The pamphlet is one of a series of 14 reports concerning records of measurements of flow or discharge made on streams in the United States during the year ending September 30, 1922.

The data presented for each gauging station in the area covered by the report comprises a description of the station, a table giving records of discharge measurements, a table showing the daily discharge of the stream, and a table of the monthly and yearly discharge and run-off. If the basins are insufficient to determine the daily discharge, tables giving daily gauge heights and records of discharge measurements are published.

225-Mile Transmission Line Completed.

Gulfport, Miss.—A new 225-mile transmission line to serve Meridian, Hattiesburg, Laurel, Stonewall and adjacent communities has been completed by the Mississippi Power Co. of this city, and power has been turned on. This is a major item of the \$70,000,000 construction program of the company outlined last week in the MANUFACTURERS RECORD. The line has a capacity of 110,000 volts and brings power from dams in Alabama. It is a link in the proposed 693-mile main line system planned by the company.

An issue of \$1,085,000 of 5 per cent bonds has been sold by the city of Chattanooga, Tenn., to the First Securities Co., Chattanooga, and Howe, Snow & Bertles, New York.

Clearwater to Vote on \$829,000 of Bonds.

Clearwater, Fla.—At a recent meeting of the City Commissioners of Clearwater an election on a bond issue of \$829,000 for various improvements was agreed upon. The election will be held on April 27 and the proposed issue will provide, among other things, for improvement of the bay shore, to include a fill 450 feet wide from the shore line along a frontage of half a mile. This will furnish additional space for a city park and will facilitate the improvement of a large area of land fronting on the bay. This movement, it is thought, will result in a wide parkway and a boulevard 150 feet wide along the bay shore from Dunedin to Indian Rocks. Other improvements contemplated include a sewage-disposal plant to cost \$200,000; incinerator, \$25,000, and improvement to city park, pavement and sidewalk, \$50,000.

\$275,000 Addition for Charlotte Hotel.

Charlotte, N. C.—Plans have been formulated by the Citizens Hotel Co. for the erection of a 9-story addition to Hotel Charlotte to cost approximately \$275,000. The addition will provide 150 rooms, and construction is expected to be started as soon as necessary preliminaries have been completed. The Hotel Charlotte is operated by the Foor-Robinson Hotel Co.

Sell \$1,215,000 of County Notes.

Spartanburg, S. C.—Four per cent county notes in the amount of \$1,215,000 have been sold by the Board of Commissioners of Spartanburg County to Curtis & Sanger of New York and the Montgomery Trust Co. of this city at a price of \$1,207,000. The notes will mature March 26, 1927.

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MANUFACTURERS RECORD



PROPOSALS

BOND ISSUES BUILDINGS PAVING GOOD ROADS



Bids close April 22, 1926.

OFFICE OF THE EXECUTIVE OFFICER, ARLINGTON MEMORIAL BRIDGE COMMISSION, Washington, D. C. Sealed proposals will be received at this office until 11 A. M. April 22, 1926, and then opened, in Room 1613, Navy Building, for Furnishing and Delivering the Granite for the Arlington Memorial Bridge across the Potomac River at Washington, D. C. Further information upon application.

Bids close April 15, 1926.

OFFICE OF THE EXECUTIVE OFFICER, ARLINGTON MEMORIAL BRIDGE COMMISSION, Washington, D. C. Sealed proposals will be received in this office until 11 A. M. April 15, 1926, and then opened in Room 1613, Navy Building, for Constructing Sidetrack for the Arlington Memorial Bridge at Washington, D. C. Further information upon application.

Bids close April 23, 1926.

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., March 30, 1926. SEALED PROPOSALS will be opened in this office at 3 P. M. April 23, 1926, for new mezzanines in the Post Office and Court House Building, Houston, Texas. Drawings and specifications may be obtained from the Custodian at Houston, Texas, or at this office in the discretion of the Supervising Architect. Jas. A. Wetmore, Acting Supervising Architect.

Bids close May 6, 1926.

TREASURY DEPARTMENT, Bureau of Engraving and Printing, Washington, D. C., April 2, 1926. Sealed proposals are invited for the purchase of pulp, ink, scrapings, distinctive paper shredded trimmings and postage stamp and internal revenue paper trimmings and for the cleaning of windows during the fiscal year beginning July 1, 1926. Proposals to be received not later than 2 P. M. Thursday, May 6, 1926. Blank forms with specifications for proposals for the several schedules and further information will be furnished on application to A. W. HALL, Director.

Bids close April 27, 1926.

SEALED PROPOSALS will be received by the U. S. Veterans Bureau, Room 791, Arlington Building, Washington, D. C., until 11 A. M. April 27, 1926, and then there publicly opened, for the construction complete of one Recreation Building and Covered Walk and two Duplex Officers' Quarters, to be built at U. S. Veterans Hospital No. 103, Aspinwall-Sharpsburg, Pa. This work will include reinforced concrete construction, hollow tile, brick work, cast concrete stone, marble work, tile floors, iron work, slate and built-up roofing, roof ventilators, metal lathing, plastering, carpentry, metal weather strips, insect screens, hardware, painting, glazing, plumbing, heating and electrical work. Proposals will be considered only from individuals, firms or corporations possessing satisfactory financial and technical ability, equipment organization to insure speedy completion of the contract, and in making awards the records of bidders for expedition and satisfactory performance on contracts of similar character and magnitude will be carefully considered. At the discretion of the Director, drawings and specifications may be obtained upon application to the Construction Division, Room 791, Arlington Building, Washington, D. C. Deposit with application of a check or postal money order for \$25, payable to the TREASURER OF THE UNITED STATES, is required as security for safe return of the drawings and specifications within ten days after date of opening proposals. FRANK T. HINES, Director. March 24, 1926.

RATE: 35 cents per line per insertion.

PUBLICATION DAY: Thursday.

FORMS CLOSE: 4 P. M. Monday.

DAY LETTER: When too late to send copy by mail to reach us by 4 P. M. Monday, forward by day letter.

THE DAILY BULLETIN OF THE MANUFACTURERS RECORD:

Published every business day; gives information about the industrial, commercial and financial activities of the South and Southwest.

The Daily Bulletin can be used to advantage when copy cannot reach us in time for publication in the Manufacturers Record before bids are to be opened, or when daily publications are necessary to meet legal requirements.

The same rate applies—35 cents per line per insertion.

Bids close May 10, 1926.

\$200,000 5% Bonds

Mobile, Ala.

The Board of Revenue and Road Commissioners of Mobile County, Alabama, respectfully calls for bids for not exceeding \$200,000 in 5 per cent 20-year refunding bonds, issued to retire \$200,000 in bonds issued July 1, 1906. This new issue will be dated July 1, 1926, and mature July 1, 1946. Bids will be received up to and opened at 10.30 A. M. of MONDAY, MAY 10, 1926, at the office of the Board of Revenue and Road Commissioners of Mobile County, Alabama. Right is reserved to reject any or all bids. For further information, address Thomas B. Allman, Clerk of Board of Revenue and Road Commissioners, Mobile, Alabama.

ALBERT S. TOWLE, President.

Bids close April 17, 1926.

\$100,000 5% Road Bonds

Toccoa, Ga.

On April 17, 1926, at 11 o'clock A. M., the County Commissioners of Stephens County, Georgia, will receive at Toccoa, Georgia, sealed bids for \$100,000 of 5% Road Bonds, to be dated April 1, 1926. Interest payable semi-annually, \$4000 principal to be paid April 1, 1931, and \$4000 annually thereafter. All bids to be unconditional, to be accompanied by form of bond proposed to be furnished by the bidder and certified check for \$500 as a guaranty of good faith, the Commissioners agreeing to do and perform every act required by law subsequent to the validation of said bonds on the 12th day of March, 1926, up to and including the actual delivery of the executed bonds. Certified copy of validation proceedings will be furnished upon request.

FERMOR BARRETT, Clerk.

Bids close April 19, 1926.

\$75,000 6% Bonds

Tavares, Fla.

Sealed proposals will be received by T. C. SMYTH, Clerk of the Board of County Commissioners of Lake County, Florida, at his office at Tavares, Florida, for the purchase of SEVENTY-FIVE THOUSAND DOLLARS (\$75,000) of bonds of EAST LAKE COUNTY SPECIAL ROAD AND BRIDGE DISTRICT OF LAKE COUNTY, FLORIDA; said bonds to be dated the first day of July, A. D. 1925, and maturing on the first day of July, A. D. 1932; said bonds bearing interest at six (6%) per cent per annum, payable semi-annually. Said proposals shall be received until 11 o'clock A. M. on April 19, 1926; each bid shall be accompanied by a certified check on a bank in the state of Florida for two (2%) per cent of the amount bid. The County Commissioners reserve the right to reject any or all bids.

T. C. SMYTH,
Clerk of the Board of County Commissioners of Lake County, Florida.

Bids close April 16, 1926.

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., March 22, 1926. SEALED PROPOSALS will be opened in this office at 3 P. M. April 16, 1926, for construction (except mechanical equipment) of buildings for the U. S. Quarantine Station at Sand Island, Mobile, Ala. Drawings and specifications may be obtained from the custodian of the U. S. Post Office, Mobile, Ala., or at this office, in the discretion of the Supervising Architect. Jas. A. Wetmore, Acting Supervising Architect.

Bids close April 15, 1926.

\$20,000 6% School Bonds

Bradenton, Fla.

SEALED PROPOSALS will be received by the undersigned until 10 o'clock A. M.

APRIL 15, 1926,

for the purchase of \$20,000 bonds of Oneco Special Tax School District No. 21 of Manatee County, Florida. The bonds will bear interest at the rate of 6% will be dated April 15, 1926, will mature \$1000 April 15, 1929, and \$1000 each year thereafter until the entire issue has been paid, and will be in the denomination of \$500 each.

Principal and semi-annual interest payable at the Seaboard National Bank, New York City.

A certified check for 2% of the par value of the bonds bid for is required.

Any bids not submitted on forms will not be considered.

HAROLD P. MUNCK,

Chairman, Board of Public Instruction,
Manatee County, Florida.

Bids close May 5, 1926.

\$33,000 5% Paving and Water-Works Extension Bonds

SEALED BIDS will be received by the City Council of the City of Eastman at the City Hall in said city until 11 o'clock A. M., Eastern time, on

MAY 5TH, 1926,

for the following issue of the City of Eastman bonds, to-wit:

PAVING BONDS in the sum of \$25,000, being in denominations of \$1000 each, dated July 1, 1926, bearing interest at the rate of five (5%) per cent per annum, payable semi-annually on the first days of January and July, the principal payable as follows: The first \$1000 on the first day of July, 1931, and \$1000 on the first day of July of each year thereafter until the whole is paid.

WATER-WORKS EXTENSION BONDS in the sum of \$8000, being in denominations of \$1000 each, dated July 1, 1926, bearing interest at the rate of five (5%) per cent per annum, payable semi-annually on the first days of January and July, the principal payable July 1, 1936.

Principal and interest of both issues of said bonds payable in lawful money of the United States of America at the office of the Clerk of the City of Eastman.

An unlimited tax on all taxable property of the City is authorized by law for the payment of principal and interest of all the said bonds.

All bids must be unconditional, and the City Council reserves the right to reject any and all bids and to award the bonds to the bidder whose bid it deems to be for the best interest of the city.

Each bid must be accompanied with a certified check, payable to M. C. Edwards, City Manager, for 2 per cent of the par value of the amount of bonds bid for.

M. C. EDWARDS,

City Manager, City of Eastman.

Dated Eastman, Georgia,
March 31, 1926.

Bids close April 10, 1926.

\$15,000 6% School Bonds

March 27, 1926.

Sealed bids will be received until 11 o'clock A. M. April 10, 1926, for the purchase of \$15,000 Surrency School Bonds, the same being thirty-year bonds and bearing 6% interest. Interest payable semi-annually. Interest and principal payable at Chemical National Bank, New York City. Bonds issued for building Surrency High School building. Address bids to

J. A. ROSS, Sec'y-Treas.,
Surrency, Ga.

Bids close April 14, 1926.

Bridge and Approaches

Bay St. Louis, Miss.

Sealed proposals will be received by the Boards of Supervisors of Hancock and Harrison Counties at Bay St. Louis, Miss., until April 14, 1926, for the construction of Federal Aid Project No. 85-A.

The project consists of a bridge across Bay St. Louis, with roadway approaches, having a total length of 2.3 miles. The bridge, which is 1.97 miles in length, is composed of a 202-foot electrically-operated steel swing span on concrete piers, with cross-tied timber and pile trestle approaches. Width of roadway is 20 feet, with one sidewalk, pavement being a bituminous carpet coat.

Plans, specifications and additional information may be obtained from the Mississippi State Highway Department, Jackson, Mississippi.

H. C. DIETZER,
State Highway Engineer.

Bids close April 13, 1926.

Highway Construction

DEPARTMENT OF PUBLIC WORKS
STATE OF MARYLAND
STATE ROADS COMMISSION
NOTICE TO CONTRACTORS

Baltimore, Md.

SEALED PROPOSALS for building seven sections of State Highway as follows:

Garrett County, Cont. G-34—One section of State Highway from Red House to the West Virginia line, a distance of 2.05 miles. (Concrete.)

Carroll County, Cont. CI-56—One section of State Highway between Mt. Airy and Taylorsville for a distance of 1.0 mile. (Concrete.)

Calvert County, Cont. C-23—One section of State Highway between Sandy Bottom and Plum Point for a distance of 1.69 miles. (Gravel.)

Queen Anne's County, Cont. Q-36—One section of State Highway between Pondtown and Dudley's Corner and through Sudlersville for a distance of 1.35 miles. (Concrete.)

Montgomery County, Cont. M-6-A—One section of State Highway between Gaithersburg and Henderson's Corner for a distance of 2.4 miles. (Concrete Shoulders.)

Howard County, Cont. Ho-7-A—One section of State Highway between Ellicott City and Elloak for a distance of 5.2 miles. (Concrete Shoulders.)

Wicomico County, Cont. W1-6-B—One section of State Highway between Parsonsburg and Willards for a distance of 4.51 miles. (Concrete Shoulders and Resurfacing.)

Will be received by the State Roads Commission at its offices, 601 Garrett Building, Baltimore, Maryland, until 12 M. on the 13th day of April, 1926, at which time and place they will be publicly opened and read.

Bids must be made upon the blank proposal form, which, with specifications and plans, will be furnished by the Commission upon application and cash payment of \$1.00, as hereafter no charges will be permitted.

No bids will be received unless accompanied by a certified check for the sum of Five Hundred (\$500) Dollars, payable to the State Roads Commission.

The successful bidder will be required to give bond and comply with the Acts of the General Assembly of Maryland respecting contracts.

The Commission reserves the right to reject any and all bids.

By order of the State Roads Commission this 26th day of March, 1926.

JOHN N. MACKALL, Chairman.

L. H. STEUART, Secretary.

Bids close April 20, 1926.

Highway Construction

DEPARTMENT OF PUBLIC WORKS
STATE OF MARYLAND
STATE ROADS COMMISSION
NOTICE TO CONTRACTORS
Baltimore, Md.

SEALED PROPOSALS for building eight sections of State Highway as follows:

Carroll County, Cont. CI-26—One section of State Highway from Taneytown toward Pennsylvania State line for a distance of 1.0 mile. (Concrete.)

Harford County, Cont. H-49—One section of State Highway between Jarrettsville and Federal Hill for a distance of 1.0 mile. (Concrete.)

Harford County, Cont. H-47—One section of State Highway between Dublin and Whiteford for a distance of 1.27 miles. (Concrete.)

Wicomico County, Cont. W135—One section of State Highway between Salisbury and Snow Hill for a distance of 1.0 mile. (Concrete.)

Montgomery County, Cont. M-10-C—One section of State Highway along the Seventh Street Pike between the D. C. Line and Norbeck for a distance of 3.35 miles. (Concrete Shoulders.)

Anne Arundel County, Cont. AB-1-B—One section of State Highway along the Annapolis Boulevard between the Mountain Road and Annapolis for a distance of 4.95 miles. (Concrete Shoulders.)

Prince George County, Cont. P-3-A—One section of State Highway between the D. C. Line and Meadows for a distance of 4.72 miles. (Concrete Shoulders and Resurfacing.)

Worcester County, Cont. Wo-5-B—One section of State Highway between St. Martins and Berlin for a distance of 4.00 miles. (Concrete Shoulders.)

Will be received by the State Roads Commission at its offices, 601 Garrett Building, Baltimore, Maryland, until 12 M. on the 20th day of April, 1926, at which time and place they will be publicly opened and read.

Bids must be made upon the blank proposal form, which, with specifications and plans, will be furnished by the Commission upon application and cash payment of \$1.00, as hereafter no charges will be permitted.

No bids will be received unless accompanied by a certified check for the sum of Five Hundred (\$500) Dollars, payable to the State Roads Commission.

The successful bidder will be required to give bond and comply with the Acts of the General Assembly of Maryland respecting contracts.

The Commission reserves the right to reject any and all bids.

By order of the State Roads Commission this 31st day of March, 1926.

JOHN N. MACKALL, Chairman.

L. H. STEUART, Secretary.

Bids close April 15, 1926.

Virginia Highway Work

Richmond, Va.

The Highway Commission will receive bids on the following:

Proj. S323D—2 miles soil.
Proj. F419A—3.9 miles grading.
Proj. F421A—1.7 miles bit. macadam.
Proj. S441—Widening concrete road.
Details obtainable on request.

Bids close April 15, 1926.

Street Improvements

The City of Richmond, Virginia, will receive bids on Street Improvements about April 15, 1926.

Improvements will consist of the following approximate yardage:
45,000 square yards asphaltic types.
24,000 square yards one-course concrete.
14,000 square yards vitrified blocks.

R. KEITH COMPTON,
Director Public Works,
Richmond, Virginia.

Bids close April 19, 1926.

Street Paving

Floydada, Texas.

Bids will be received at the City Hall at Floydada, Texas, until 7.30 o'clock P. M. on April 19, 1926, for street paving. There will be 27,425 sq. yds. of paving, 6082 cu. yds. excavation, 4263 lin. ft. straight curb and gutter, 125 lin. ft. radius curb and gutter, 1200 lin. ft. straight gutter, 350 lin. ft. straight curb, 1100 lin. ft. header curb, 600 lin. ft. radius curb. Address F. P. HENRY, Mayor, or BURL BEDFORD, City Secretary; Fred M. JOYNER, Resident Engineer.

Bids close May 5, 1926.

Street Improvements

Eastman, Ga.

Sealed bids will be received by the City of Eastman, Georgia, through its City Council and City Manager, at the City Hall until May 5, 1926, 11 A. M., Eastern time, for the furnishing of all labor and material and the complete construction of the following street improvements:

Approximately 23,000 square yards of concrete paving.

Approximately 9500 lineal feet of granite curbing.

Approximately 10,000 square yards of concrete sidewalks.

Approximately 1000 lineal feet of 24-inch concrete pipe.

Approximately 16,000 lineal feet of 18-inch concrete pipe.

Approximately 1000 lineal feet of 15-inch concrete pipe.

Approximately 500 lineal feet of 12-inch concrete pipe.

Above to include the necessary manholes and catch basins.

Plans and specifications are on file with the City Manager at Eastman, Georgia, or with the Engineer, W. M. Crook, at Macon, Georgia.

Bids are to be made on blanks furnished by the City. Each bid must be accompanied by a certified check for \$1500, payable to the City Manager.

The City reserves the right to accept or reject any and all bids.

M. C. EDWARDS, City Manager.

W. M. CROOK,

Macon, Ga., Consulting Engineer.

Bids close April 15, 1926.

Street Improvements

Sealed proposals will be received by the Mayor and Council at the office of the City Clerk of Thomaston, Ga., at 10 o'clock A. M. on the 15th day of April, 1926, for the furnishing of all labor, materials, equipment and other things necessary for the construction of Street Improvements and Storm Drainage in the City of Thomaston, Ga.

Proposals will be received on the following types of street pavements: CONCRETE, VIBROLITHIC, BRICK, SHEET ASPHALT, ASPHALTIC CONCRETE, ROCK ASPHALT, FINLEY SHEET ASPHALT AND WARRENITE.

The work will consist of the following estimated quantities:

16,600 sq. yds. Street Pavement.

4,800 sq. yds. Sidewalks.

360 sq. yds. Driveways.

4,950 lin. ft. Curbing.

950 lin. ft. Radli Curbing.

600 lin. ft. Headers.

40,000 Bricks, Catch Basins.

23,000 pounds Cast Iron.

4,140 lin. ft. 15-inch to 24-inch Pipe.

Proposals must be submitted on regular forms accompanying the specifications, and must be accompanied by a certified check or bidder's bond for two thousand (\$2000) dollars, payable to the Mayor of Thomaston.

An acceptable surety bond for the amount of the contract price, and a five (5) year maintenance bond for twenty-five (25%) per cent of the contract cost will be required.

Plans and specifications are on file at the office of W. W. McMillan, Clerk, at Thomaston, Ga., and copies of the specifications may be secured from Knox T. Thomas, Engineer, upon payment of five (\$5.00) dollars.

The right is reserved to reject any or all bids and to waive formalities, and to accept any bid that the interest of the City of Thomaston may require.

HUGH K. THURSTON, Mayor,

Thomaston, Ga.

KNOX T. THOMAS, Engineer,
308-9 Wynne-Claughton Building,
Atlanta, Ga.

Bids close April 19, 1926.

Street Improvements

Dunbar, W. Va.

Sealed proposals will be received by W. T. Moore, Mayor, Dunbar, West Virginia, until 7.30 o'clock P. M. on the 19th day of April, 1926, for furnishing all materials, grading, paving and otherwise improving the streets in the city of Dunbar as named in the ordinance passed by the Council on the 22d day of March, 1926.

This work will include approximately thirty thousand (30,000) square yards grading and paving and twenty-eight thousand (28,000) lineal feet curb and gutter.

All proposals must be made upon forms provided therefor and accompanied by a certified check, made payable to the City of Dunbar, for an amount equal to two and one-half (2½%) per cent of the sum bid. Payment for the whole cost of the work will be made with certificates as provided for in the City Charter.

The Council reserves the right to reject any or all bids.

Plans, specifications and proposal forms may be obtained at the office of the City Engineer, Painter Building, Dunbar, West Virginia.

W. T. MOORE, Mayor.
O. L. WILLIAMS, Clerk.

Bids close April 22, 1926.

Water-Works Improvements

Shelby, N. C.

Sealed proposals will be received by the City of Shelby, North Carolina, for furnishing material, labor and equipment for improvement to water works in and for the City of Shelby, North Carolina, until 8 P. M. April 22, 1926, at which time they will be opened and read publicly.

In accordance with Act passed by the North Carolina General Assembly, and ratified March 10, 1925, it will be necessary for all contractors to show evidence that they are licensed to do business as such in the State of North Carolina.

The principal items of work are approximately as follows:

- 1 Auxiliary Pumping Station.
- 1 2,000,000-Gallon Filter.
- 1 6,000,000-Gallon Raw Water Storage.
- 1 200,000-Gallon Clear Water Storage.
- 1 30,000-Gallon Wash Water Tank.
- 1 900 G. P. M. Gasoline Engine Driven Service Pump.
- 1 750 G. P. M. Electric Motor Driven Pump.
- 2 750 G. P. M. Electric Motor Driven Raw Water Pumps.
- 4,150 Feet 12-inch Cast-Iron Pipe.
- 8,100 Feet 16-inch Cast-Iron Pipe.
- 9 Fire Hydrants.
- 2 12-inch Valves.
- 6 16-inch Valves.
- 10 Tons Special Castings.
- Yard Connections.
- Setting and Connecting Machinery.
- Pole Line.

Each bid must be accompanied by a certified check on a bank satisfactory to the city officials, or a bidder's bond acceptable to the city officials, for five (5%) per cent of the amount of construction bid (no check or bond required on machinery), drawn to the order of the City of Shelby, North Carolina, which will be forfeited to the city in the event the city accepts bid and bidders fail to execute contract and surety bond within ten days after award. Checks or bonds of unsuccessful bidders will be returned to bidders.

All bids will be compared on the basis of the Engineer's estimate of the quantity of work to be done. Copies of specifications may be obtained from Engineers or City Clerk upon deposit of \$5.00, which will be returned to bona fide bidders.

Plans may be seen at the office of the Engineers or at the office of the City Clerk, or a set will be furnished by Engineers upon payment of \$10, which will not be returned.

The right is reserved to reject any or all bids, or to award the contract to any one bidder or bidders in part or as a whole, as considered to be the best interest of the city.

CITY OF SHELBY, NORTH CAROLINA.

By A. P. WEATHERS, Mayor.
J. B. McCARRY ENGINEERING CORP.,
Engineers,
Atlanta, Georgia.

Bids close April 10, 1926.

Water-Works and Sanitary Sewerage Improvements

Warrenton, Va.

Sealed proposals, addressed to Mr. Sidney Shumate, Town Manager, will be received at the Municipal Building, Warrenton, Va., on the 10th of April, 1926, at 2 o'clock P. M.

The work will embrace:

FOR WATER WORKS:

Small Concrete Intake Dam 4 feet high; 500,000 G. P. D. Brick and Reinforced Concrete Filtration Plant; Coagulating Basin; 8800 feet of 8-in. Cast-Iron or Bituminous Coated Steel Water Pipe in place; complete Filtration Equipment for Plant; 3 Pumping Units; Furnishing and Installation of Electrical Equipment.

FOR SANITARY SEWERAGE SYSTEM:

Approximately 8 miles of Vitrified or Concrete Sewer Pipe in place; 1 small Pumping Sump and two Pumping Units; Imhoff Tank; Trickling Rock Filter and Chlorination Chamber.

Said sealed proposals will be opened and read publicly in a special and open session of the Town Council on the above-mentioned date and hour.

Certified check, made payable to the Town of Warrenton, for the amount required on each construction item must accompany all proposals.

All bids shall be made upon the official proposal blank attached to the Instructions to Bidders.

Plans and Specifications are on file with the Town Manager, and blank forms of proposals, specifications, drawings, etc., may be obtained from the Engineer on the deposit of \$5.00, which will be returned to all parties making bona fide bid and returning plans.

Alternate bids on any equipment will be received.

The Council reserves the right to reject any or all bids.

T. E. FRANK, Mayor.
SIDNEY SHUMATE, Town Manager.
G. HUBARD MASSEY,
Consulting Engineer,
328 Dickson Building, Norfolk, Va.

Bids close April 28, 1926.

Storm Sewers and Street Paving

Mobile, Ala.

Sealed bids will be received by the Board of City Commissioners, Mobile, Alabama, until noon April 28, 1926, for the following:

STORM SEWERS.

- 6-inch Pipe, 8,300 lin. ft.
- 10-inch Pipe, 10,375 lin. ft.
- 12-inch Pipe, 14,535 lin. ft.
- 15-inch Pipe, 9,380 lin. ft.
- 18-inch Pipe, 6,065 lin. ft.
- 21-inch Pipe, 1,765 lin. ft.
- 24-inch Pipe, 2,215 lin. ft.
- 27-inch Pipe, 300 lin. ft.
- 30-inch Pipe, 520 lin. ft.
- 2.5x3.5 Culvert, 350 lin. ft.
- 3.0x3.0 Culvert, 210 lin. ft.
- 6.0x3.5 Culvert, 75 lin. ft.
- 7.0x3.5 Culvert, 15 lin. ft.
- 8.0x3.5 Culvert, 35 lin. ft.

Manholes, 139.

Inlets, 372.

Special Basins, 146.

STREET PAVING.

Sheet Asphalt or Warrenite Bitulithic, 3700 sq. yds.

Lin. ft. Concrete Curbing, 3600 lin. ft.

Gutters and Driveways (Concrete), 350 sq. yds.

Asphaltic Concrete, 49,500 sq. yds.

Concrete Curbing, 35,000 lin. ft.

Gutters and Driveways (Concrete), 7050 sq. yds.

Alabama Rock Asphalt, 30,550 sq. yds.

Concrete Curbing, 10,750 lin. ft.

Gutters and Driveways (Concrete), 2500 sq. yds.

One-course Concrete Paving, 52,930 sq. yds.

Concrete Curbing, 33,280 lin. ft.

Each bid must be accompanied by a certified check for the sum of One Thousand Dollars or a bidder's bond of equal amount.

The right is reserved to reject any or all bids.

Plans and specifications are on file in the office of the City Engineer and can there be seen.

GEO. E. CRAWFORD, Mayor.
H. T. HARTWELL,
Commissioner of Streets.
WRIGHT SMITH, City Engineer.

Bids close April 14, 1926.

School Building

Jasper, Fla.

Bids will be received from contractors and builders by the Board of Public Instruction of Hamilton County, Florida, at their office in the Courthouse in Jasper, Florida, until 11 o'clock A. M. Wednesday, April 14, 1926, for the erection of a School Building in Jasper, Florida, for Special Tax School District Number One (1), Hamilton County, Florida, in accordance with plans and specifications prepared by S. J. Welch, Architect, Pensacola, Florida.

Plans and specifications may be secured from the office of W. W. Bradshaw, Superintendent of Public Instruction, Courthouse, Jasper, Florida, upon a deposit of \$15. This deposit will be refunded if plans are returned in good condition on or before the date of opening bids.

A certified check for 2½ per cent of the bid must accompany all bids. The successful bidder will be required to enter into a contract and furnish a surety bond through an agency that pays a license in Hamilton County, Florida, and is satisfactory to the Board, in the sum of \$20,000 for the faithful performance of said contract.

The Board of Public Instruction reserves the right to reject any and all bids.

W. W. BRADSHAW,
Superintendent and Secretary.

Bids close April 20, 1926.

Sewage-Treatment Plant

Lakeland, Fla.

Sealed proposals will be received by the City of Lakeland, Florida, until April 20, 1926, for construction of sewage-treatment plant. Alternative bids for Imhoff tank and separate sludge digestion, with and without special apparatus for moving sludge therein, and fine screens, will be received.

Blank forms of proposal and specifications will be furnished prospective bidders. Plans for the same are on file in the office of the City Manager and City Engineer of said city, where they may be examined.

Certified check for \$7500 is required with each bid, and bond for 50% of the contract price will be required of the successful bidder, such bond to be a bond with reputable and responsible surety company as surety and written by company or companies having as agents resident citizens of the City of Lakeland who have been such resident agents for six months.

The city reserves the right to reject any and all bids.

The city reserves the right to increase or decrease the amount of work included in these specifications without affecting the specifications or contract in any other respect, at prices bid for such changes more or less than the contract prices.

ANTON SCHNEIDER.

City Manager.

J. L. DAVIS,

City Clerk and Auditor.

CHARLES CARROLL BROWN,

City Engineer.

Bids close April 12, 1926.

Diesel Engine Generating Unit

New Smyrna, Fla., March 17, 1926.

Sealed bids will be received by the City Commissioners of the City of New Smyrna, Florida, at the City Hall until April 12, 1926, at 8 o'clock P. M. for one 600 H. P. Diesel or Semi-Diesel Engine, directly connected to 400 kw. Westinghouse Generator; successful bidder to furnish all necessary piping for oil and water and oil filter and to erect engine in complete running order, and the City of New Smyrna, Florida, to build a suitable foundation for said engine.

Alternating bids will be considered on a 720 H. P. Engine and suitable Generator as per above specified plans and specifications in the office of the City Manager.

Each bid must be accompanied by a certified check for the sum of Five Hundred Dollars (\$500), which will become a forfeit to the City of New Smyrna if contract is not entered upon and bond executed promptly after award.

The City of New Smyrna reserves the right to reject any or all bids.

CITY OF NEW SMYRNA, FLORIDA.

By W. C. CHOWNING,

GEO. J. OTT, Mayor-Commissioner.
City Manager.



CLASSIFIED OPPORTUNITIES



MINERAL AND TIMBER LANDS, WATER POWER, MISCELLANEOUS PROPERTIES

FOR SALE—Four large timber tracts, with mills; also two going manganese mines. R. P. JOHNSON, Wytheville, Va.

CAPITALISTS INTERESTED in an exceptional cement deposit or deposit of best quality yellow ochre should write me. W. W. DEWHURST Box 601, St. Augustine, Fla. For many years of Mr. Flagler's personal counsel.

MINING PROPERTY FOR SALE—Middle Atlantic State. Extensive development, showing good commercial gold values assaying \$8 and over. Fair equipment; well located. A property with real merit and value. Address 6568, care Manufacturers Record, Baltimore, Md.

NORTHWEST GEORGIA.

The scene of the next great industrial development in Georgia. Electric power available. Large power plants under construction.

For industrial sites: pine and hardwood timber; brick shales; clays; large or small water powers; farms in a prosperous section. Write, with detail, as to your requirements.

C. E. VANCE, Calhoun, Ga.

HARDWOOD MILL AND TIMBER WANTED

IF YOU HAVE a good hardwood mill and timber that you will sell, send quick full particulars to

H. M. LINDSEY & CO.,
Mobile, Ala.

WANTED—PINE TIMBER, 5 million feet upwards, long or short leaf, or going proposition. Send full particulars, map, etc.

SOUTHERN TIMBER LAND CO.,
Box 1042, Mobile, Ala.

TIMBER AND TIMBER LAND

FOR SALE—Timber lands, cut-over lands, especially suitable for colonizing, ranching, or subdivision, located Alabama and Florida. H. H. WEFEL, JR., Mobile, Alabama.

500 MILLION FEET or more Pacific Coast timber, world's best, \$1 per M. Will buy and block in small or large tracts for some wise lumberman. Address Cruiser, Box 41, El Cajon, Cal.

TIMBER FOR SALE—Thirty-six million feet fir timber located near Portland, Oregon. Will name low price for quick sale. Perfect title warrantee deed. DAVID DEAN, 1833 Grand Blvd., Spokane, Wash.

DEVELOPMENT PROPOSITION—Large tract of virgin timber land 2 miles from railroad; timber alone worth price; \$35 per A. Properties in famous Redland district also. I know Florida from coast to coast.

W. B. WOLFF, Homestead, Fla.

FARM AND TIMBER LAND

MOUNTAIN ESTATE—3000 acres in McDowell County, Western North Carolina: elevation 1500 to 3000 feet. Delightful summer climate; no mosquitoes, no malaria. short distance from railroad, 1 mile from county highway. Tract is covered with valuable hardwood timber—oak, poplar, hickory, chestnut, maple, pine, dogwood; also rhododendron, kalmia, azalea, galax, blackberries, huckleberries, etc. Springs and running stream of clear, cold water. good summer pasture, excellent orchard land—an ideal place for summer residence. Stock farm or game preserve; now contains quail, rabbits, squirrels, coons, possums; natural range for deer and wild turkeys.

W. M. PRATT, Marion, N. C.

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ALABAMA

SALE—Farm, 440 acres, in Barbour County, Alabama; 40 acres 2 years old, 80 acres 12 years old, paper-shell pecans. For particulars write

T. H. SPENCER, Clayton, Ala.

WONDERFUL OPPORTUNITIES, with unlimited possibilities, for investment on the Gulf Coast at Mobile. The land that steals your heart away. We have factory sites, textile mill, central business property, farms, orange and pecan groves, timber tracts, cutover land, water-front property, homes and desirable building lots at very attractive prices and easy terms. Write us for information and literature. GULF COAST INVESTMENT COMPANY, INC., REALTORS, 32-34 N. Royal St., Battle House Bldg., Mobile, Ala.

FLORIDA

LEON COUNTY, FLORIDA.
White-Rivers Company,
Realtors.

Tallahassee, Capital of Florida. One good investment in Florida worth lifetime of labor.

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GOODWIN & BAKER,
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City Property. Farms. Groves. Acreage.
Nothing but Real Estate.

MELBOURNE, FLORIDA,

Wants Apartment Houses.

Write for full information. All kinds of property for sale.

FLORIDA REALTY CO.,

John W. Lepper, Pres. Box 204.

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Attractive offerings in Acreage Tracts and Lots in Sarasota and Suburbs.
For further information address

DEAN-TYLER COMPANY, INC.,
REALTORS.

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Tract of offering of subdivision acreage and lots in Fort Pierce and suburbs, also large acreage tracts from sections to four hundred thousand acres. Ocean and river frontage.

J. G. COATS, Realtor,
Fort Pierce, Florida.

FARM, FRUIT AND TRUCK LANDS

FLORIDA

CARR & CARR, INC.,
Realtors.

WEST PALM BEACH, PALM BEACH,
LAKE WORTH.

References—Any bank or trust company in Palm Beach County.

TWENTY ACRES AND PLENTY.

Free book tells truth about Florida land; monthly payments \$1 an acre. Orange groves, planted, cared for, 10 per cent above cost.

SYLVESTER E. WILSON,
Dept. X, Orlando, Fla.

FLORIDA FARM LANDS.

14,000 acres splendid soil suitable for raising corn, oats, all kinds of truck, poultry and dairying. Easy marketing distance from two large cities. Fine roads leading to each city, railroad station on property. Splendid property for colony and town site. Will sell as whole or in parts. Attractive price and terms.

VAN PELT & HUNTER,
Olympia Building,
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INVEST. DON'T SPECULATE.

Make Florida Sunshine Work For You. The big rush of speculators to Florida is a thing of the past, but the steady flow of actual buyers and builders is increasing and right now is the time to invest, when speculators are trying to save their "shoestrings." William H. Collier, Inc., Realtors and Investment Brokers, De Land, Florida, will be glad to furnish you with information of their many bargains in real estate which they can recommend to their clients.

FOR SALE—1320 feet Ocean Beach at \$90 a front foot, consisting of 52 acres, 1320 feet on the wonderful Ocean Beach, 1720 feet deep, adjoining the famous Deerfield groves and the Orchid Isles Development and a short distance from the New Wabasso Causeway. Terms, \$30,000 down, balance 1, 2 and 3 years. Title up to date. Wire, write or phone Geo. Fruin or D. W. Hogan, with Hoyt E. Morris Co., at Vero Beach, Florida.

FLORIDA—"The Ante Room to Heaven"; no state, income or inheritance taxes; the finest year-round climate in the world; heaviest crops marketed in the winter months, bringing highest prices in the frozen Northern markets. We have an investment, a home, grove or farm for you. Write today for Free Booklet, "The Largest Orange Tree in the World," and new list. Tampa-West Coast Realty Co. (Inc.), Opp. Postoffice, "Since before the War," Tampa, Fla.

ATTENTION.

OWNERS OF LAND IN FLORIDA.

If you own large tracts of land in Florida, and are willing to sell at a reasonable price, give us a full legal description of same and price desired and we can sell it for you. Titles to the property must be clear.

We are in constant touch with buyers of big property, but must have exclusive listings only.

Our reference is The Miami Bank & Trust Company.

FLORIDA LAND SALES CORPORATION,
524 SEYBOLD BUILDING,
MIAMI, FLA.

"WE KNOW FLORIDA."

FARM, FRUIT AND TRUCK LANDS

FLORIDA

FLORIDA INVESTMENTS
MANATEE COUNTY.

The county that stands 7th in production of fruit and vegetables in the U. S. A solid foundation back of your investments—Farm Lands—Business Properties—Lots or Acreage for Subdivisions.

Full information on request—we can buy for you and we can resell for profit.

References: Bradenton Bank & Trust Co.
MANATEE LAND SALES CO.,
Bradenton, Fla.

St. Petersburg Office—560 First Ave. North.

THE NEXT BIG MOVEMENT IN
FLORIDA.

The next big movement in Florida development will be in Florida agricultural lands. There are millions of productive acres in Florida yet untitled. If you want a share in this new Florida development, buy low-priced lands now. Here are some good offers:

10,000 acres Baker County, Florida, known as Cedar Brook Farms. Price \$17.50 per acre.

6000 acres Baker and Columbia Counties, Florida, \$11.50 per acre. No swamp; suitable for small farms.

8000 acres Leon County, only eight miles from Tallahassee, state capital. Cutover lands; splendid for small farms. \$11.50 per acre.

16,000 acres near Callahan, Nassau County, in the heart of the poultry-raising district of the state; 12,000 acres surveyed and platted into 5-acre tracts. \$19.00 per acre.

All offers subject to prior sale and change in price.

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GEORGIA

777 1/2 ACRES IN PEACH SECTION—Has on it fine deposit of trap rock suitable for street paving. Nearest deposit to Florida of this rock. Tract is traversed by two railroads providing easy loading facilities. Has good improvements, located on public road within short distance of two railroad stations. Large part of the land is suitable for peach growing. Successful orchards now operated all around it. Price \$18,500.

THE GEORGIA LOAN & TRUST
COMPANY.

Macon, Georgia.

MISSISSIPPI

MISSISSIPPI GULF COAST.

\$40,000,000 now being spent in Public and private improvements—and more under way.

A day's ride from Chicago. A day's ride from the center of population.

50 miles of beach frontage; pure artesian flowing wells; moss-clad oaks, stately pines and royal palms; beautiful rivers, bays and bayous; fishing, hunting, bathing, boating and golf—truly a year-round land of enchantment.

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NORTH CAROLINA

5000 ACRES.

with frontage on a main highway between two live cities in Western North Carolina.

Elevation up to 2500 feet, commanding beautiful views. Several clear mountain streams on the property, beautiful gorge and waterfalls of 75 to 100 feet.

Very picturesque property for hunting club or private estates for other development.

\$20.00 per acre if quick.

F. C. ABBOTT & COMPANY,
CHARLOTTE, N. C.

FARM, FRUIT AND TRUCK LANDS

SOUTH CAROLINA

ISLAND, LAND AND TIMBER.

For Sale—Four thousand-acre island, twenty-one hundred high, one thousand cleared, fine truck land. Island abounds with deer, quail and other game, duck pond, high bluffs, several beautiful old home sites. Located on South Carolina coast; also other salt-water frontage, cut-over lands and timber.

J. W. BARNES,

Realtor,

Mendel Building, Savannah, Georgia.

TEXAS

E. B. WITMER, Realtor,
First National Bank Building,
Mercedes, Texas.

City Property, Farms, Citrus Groves,
Large acreage irrigated and un-irrigated.

VIRGINIA

HIGH-CLASS FARM Property, just outside of good town, with buildings and fences, well watered, specially adapted and equipped for dairying; 109 acres in high state fertility. Write for particulars. Owner, Box 67, Clarksville, Va.

BUSINESS OPPORTUNITIES

WANTED—Some one to finance and sell one of the best electric churns on the market, just patented, entirely new. We manufacture them; you sell them.

BOX 129, WORTH, W. VA.

GOLD—Nine patented gold-mining claims for sale, or money wanted to reopen. Large producers in the 80s. Working now under lease. For particulars write

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FOR SALE—Complete plant manufacturing sash, doors and interior trim. Now in operation and located in one of the best towns in the two Carolinas of the Piedmont section. Consisting of complete Planer Mill Machinery, Molding, Sash and Door Machinery, Dry Kiln Equipment, etc., already installed. This is being offered for sale in order to liquidate the corporation. It is really a high-class proposition to the right man; he can make big money out of same. It is located at Spartanburg, South Carolina. The town is growing very fast and is located near enough to the mountain section of North and South Carolina so that trade can be drawn from that section. We would consider selling the machinery without the Real Estate providing the purchaser intends to move elsewhere. For full details, address R. H. Ferguson, Chairman, Liquidating Committee, Spartanburg, S. C.

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FOR SUCCESSFUL MANUFACTURING locate in North Carolina. Best native-born labor, hard-surface roads and good transportation facilities, hydro-electric power, pure water. Good building space in fireproof buildings for lease for light manufacturing at reasonable rates. Write Chamber of Commerce or Box C, Leaksville, N. C.

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Remember, we are engineers. We will render our experience available at your service. Will assist in development of your manufacture or organization. We will extend your manufacture into this ever-growing field of opportunities, will submit survey of the territory most suitable to your problems. General mechanically and chemically allied industries are invited to select our service and interest. We also solicit investment inquiries.

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FOR SALE—Warehouse, suitable for manufacturing, on railroad, corner Broad and Railroad St., 150x170. Clarke County just voted exemption from taxes for five years. J. T. ANDERSON, Realtor, Athens, Georgia.

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TWO FLOORS,
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MANUFACTURERS' AGENT can represent one or two more manufacturers in Washington and nearby towns in Virginia and Maryland. Address No. 6572, care of Manufacturers Record, Baltimore, Md.

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MACHINE SHOP SUPERINTENDENT or general foreman with 12 years' practical experience and 9 years as foreman and superintendent, capable by past experience to increase production and reduce costs. A1 executive and organizer. Age 38. Location immaterial. Address No. 6573, care Manufacturers Record.

SALESMAN, now employed, capable of presenting and closing high-class, legitimate proposition, desires to change line. Good correspondent and executive and could qualify as sales manager or assistant. Address No. 6576, care Manufacturers Record, Baltimore, Md.

MEN WANTED

HELP WANTED—Manager Automobile Equipment Department; salary, commission basis. Well-established wholesale house. New Orleans. Address No. 6566, care of Manufacturers Record, Baltimore, Md.

MEN WANTED

SALESMAN WANTED—A1, competent, experienced salesman, thoroughly familiar with rail steel reinforcing bars, to sell this product in Southern territory. Desire only a man who can get results. Address No. 6574, care Manufacturers Record.

SALESMEN WANTED—Our proposition offers greater earning possibilities to the real salesman than is offered to him in most any other line. A credit and collection service with a bonded recovery obligation. American Security Credit Company, General Offices, St. Louis, Mo.

REPRESENTATIVE WANTED—We still have available some desirable territory in the South Atlantic states. If you are a graduate engineer, specializing in the heating and ventilating field and are established in that district, we would like to hear from you. This is a desirable opportunity. Write to Illinois Engineering Company, 21st and Racine Ave., Chicago, Ill.

WANTED — HIGH-GRADE SALESMEN AND SALES AGENTS CAPABLE OF REPRESENTING A NATIONALLY KNOWN QUALITY BRAND OF TECHNICAL PAINT SPECIALTIES, EXCLUSIVELY OR IN CONJUNCTION WITH SOME OTHER LINE. FULL INFORMATION AS TO EXPERIENCE, PRESENT CONNECTIONS AND REFERENCES REQUIRED. ADDRESS NO. 6485, CARE OF MANUFACTURERS RECORD, BALTIMORE, MD.

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WANTED—Six or seven foot band mill, complete with trimmer, edger, live rolls, line shaft and pulleys. Two boilers, 100 to 150 each, with engine sufficient to pull mill. Moore dry kiln, trucks and equipment for capacity for 20,000 to 25,000 feet lumber per day. Address M. C. Thomason, Box 13, Cheraw, S. C.



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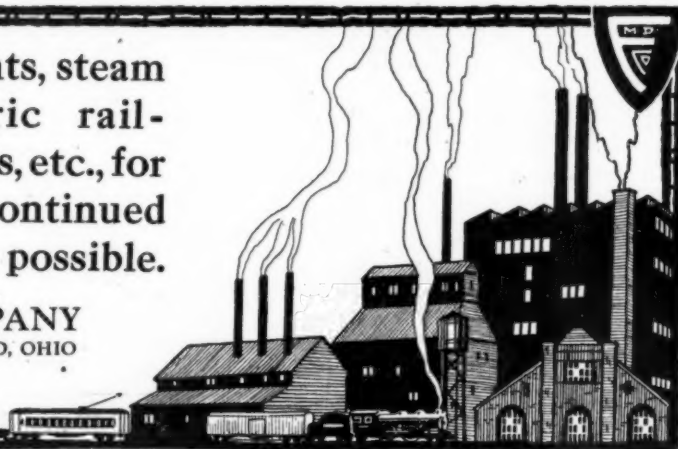


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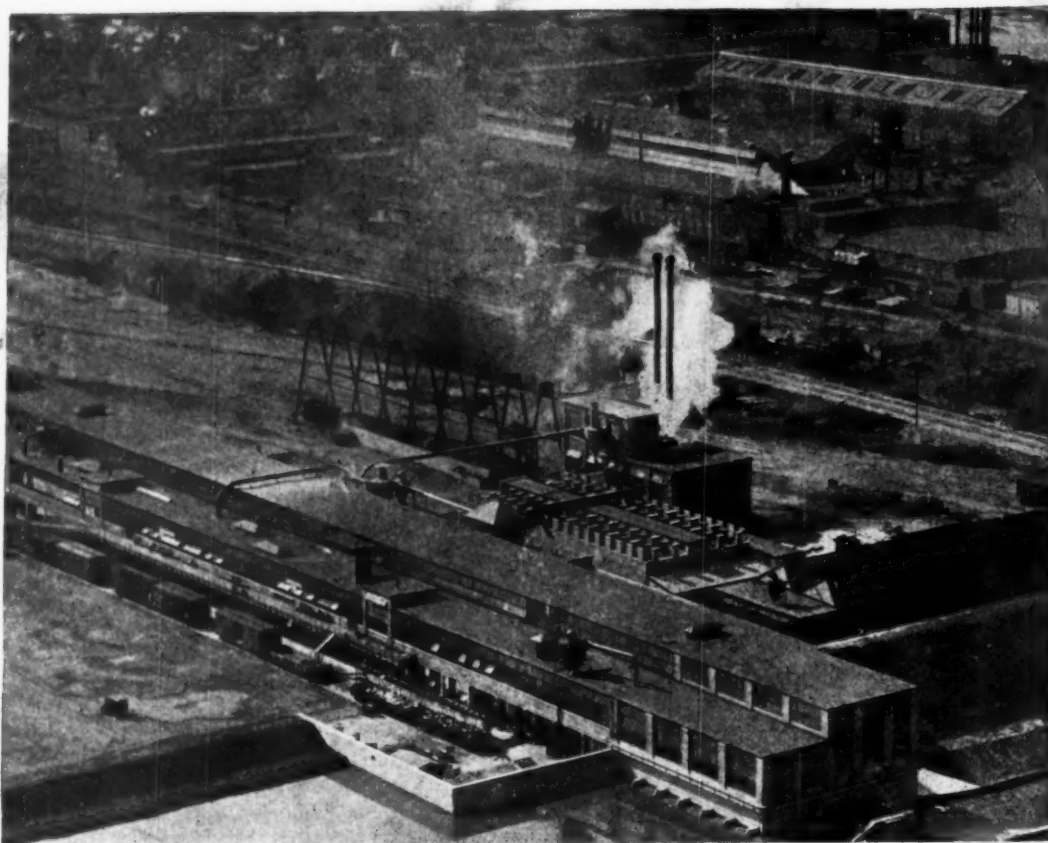
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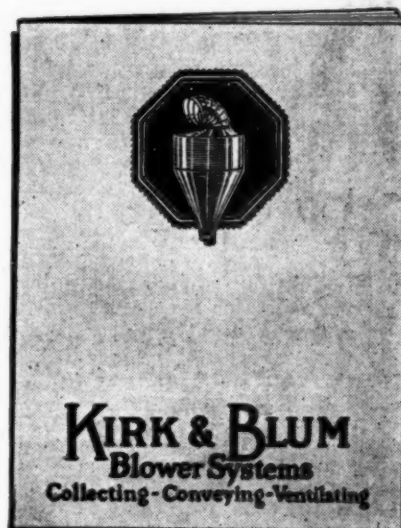
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